PRECISION IN LIGHTING CONTROL



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There might be differences between the pictures herein and real products.

UL Certified
LED Driver and Control System

Euchips Electronics Inc.

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Precision in Lighting Control

Introduction

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Constant Voltage Driver

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Company Introduction



Company Introduction

Established in 2005, Euchips focuses on the R&D and manufacturing of LED drivers and control systems. As a pioneer in LED dimming technology, we provide reliable LED dimming solutions to customers across more than 90 countries and regions.
We have a dedicated R&D team with the personnel accounting for over 20% of our total workforce, delivering innovation and excellence to our customers. We have secured more than 100 technical patents. To ensure global market access and reliability, our products are certificated by CCC, CE, CB, ENEC, RCM, UL, and PSE.
We offer a diverse range of high-performance products including 0/1-10V, DALI, D4i, Triac&ELV, DMX, and wireless LED drivers and controllers, as well as DMX and KNX control systems. These products are widely used in retail, hospitality, office, residential, public, and outdoor lighting applications.
In addition to our manufacturing bases in Suzhou and Shenzhen of China, we further expanded a new production facility in Bac Ninh Province of Vietnam in 2024. The Vietnam facility is equipped with two high-speed automated production lines, advanced ATE and a comprehensive range of manufacturing and inspection equipment. With these advanced capabilities, we can offer maximum annual production capacity of 4.5 million units of LED drivers.

Our Mission

· Reward opportunities for employees
· Create delightful experience for customers and suppliers
· Provide long-term value for shareholders
· Take the social responsibility

Our Value

· Continuous Innovation
· Leading Technology
· Reputable LED Driver & System Brand

Development History

2026
· Power in reserve, progress in motion
· You are invited

2025
· Establishing a Shenzhen factory
· Top 10 smart power supply brands

2024
· Established LED driver manufactory in Vietnam and production center in Shenzhen
· Set up marketing/sales office in Hongkong

2023
· Top 10 smart power supply brands
·DALI Alliance highly good award

2022
· DALI Lighting Awards Winner Developed Zigbee products

2021
· Became KNX member, top 10 lighting products supplies in China,
and No.1 dimmable LED drivers sales in China

2020
· Set up South China Product Experience Center
of Shanghai Euchips
· China Lighting Industry - Champion of LED Dimmable Drivers

2019
The distributors are covered in the major cities in China

2018
· <Intelligent LED Dimmable Drivers> has been accredited by Shanghai new and high-technology transformation achievements. No.: 001014418000357
· Join DALI2.0

2017
· Won Alighting "Excellent Technology Award"
· R&D Centers in Shenzhen, Zhuhai, Suzhou

2016
· Became a member of KNX manufacturer
· Won China 2016 Intelligent Building Brand Adward

2015
· Certified High-Tech Enterprise
(Certificate Number: GR201831000716)

2014
· Set up the 2rd R&D Centers in Shenzhen

2013
· Became strategic partner with Wanda Group,
supplied lighting control system and LED drivers to
more than 60 Wanda hotels

2012
· Launched smart Phase-cut
LED driver and joined DALI Alliance

2010
· ODM DMX controllers for PHILIPS

2008
· Developed DMX system

2005
· Euchips founded and produced lighting control system

Project References


Morpheus luxury City of Dreams Macau



Pullman Shanghai Zhongxing Hotel


Qatar St. Regis Hotel


Shanghai Tianmashan Shimao Deep Pit Hotel


Israel Pavilion at Expo Dubai 2020


China Ferrari store


Macau Fisherman's Wharf



Wanda Carnival Hotel

Company Introduction

Production line













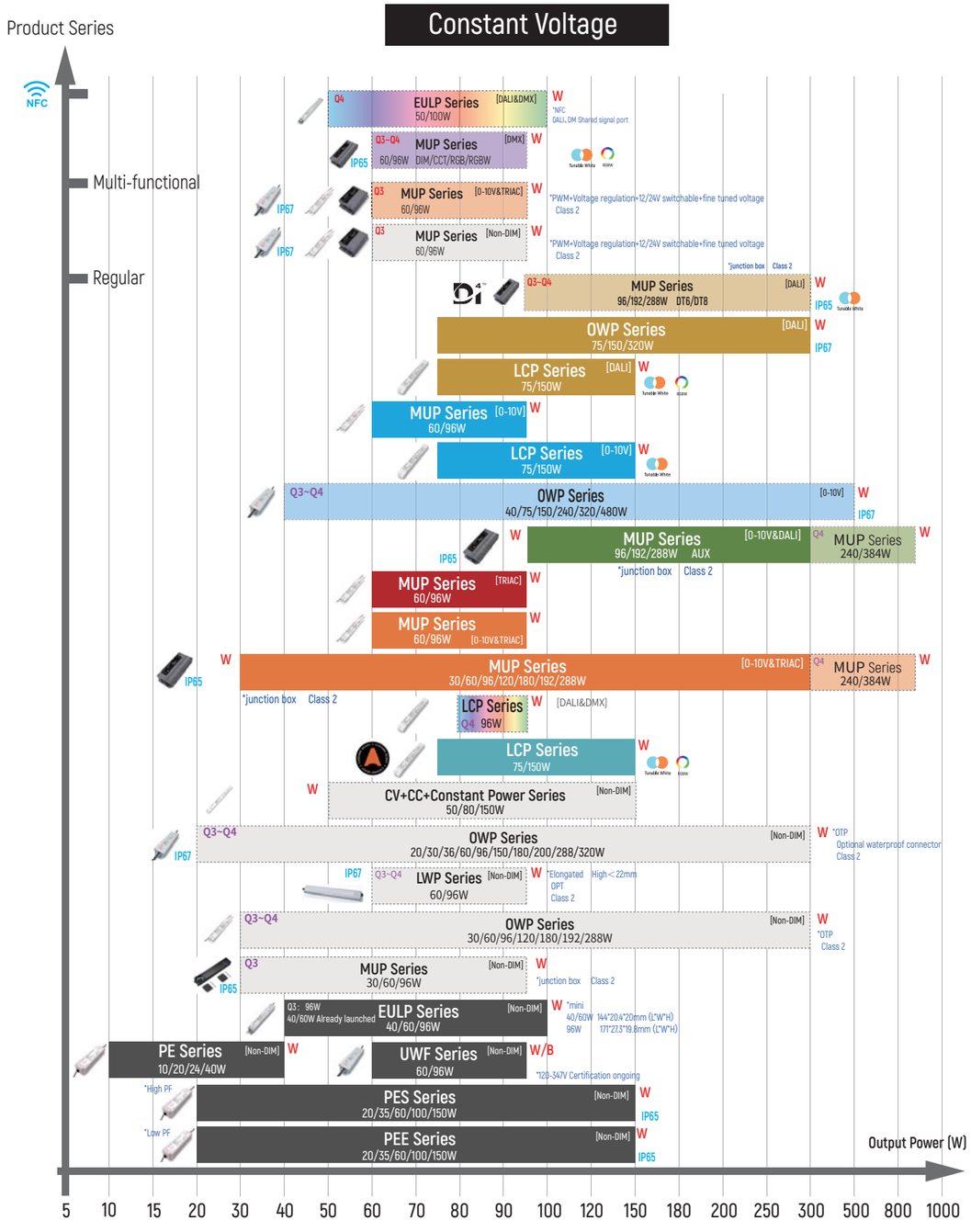


In addition to our manufacturing bases in Suzhou and Shenzhen of China, we further expanded a new production facility in Bac Ninh Province of Vietnam in 2024.
The Vietnam facility is equipped with two high-speed automated production lines, advanced ATE and a comprehensive range of manufacturing and inspection equipment.
With these advanced capabilities, we can offer maximum annual production capacity of 4.5 million units of LED drivers.

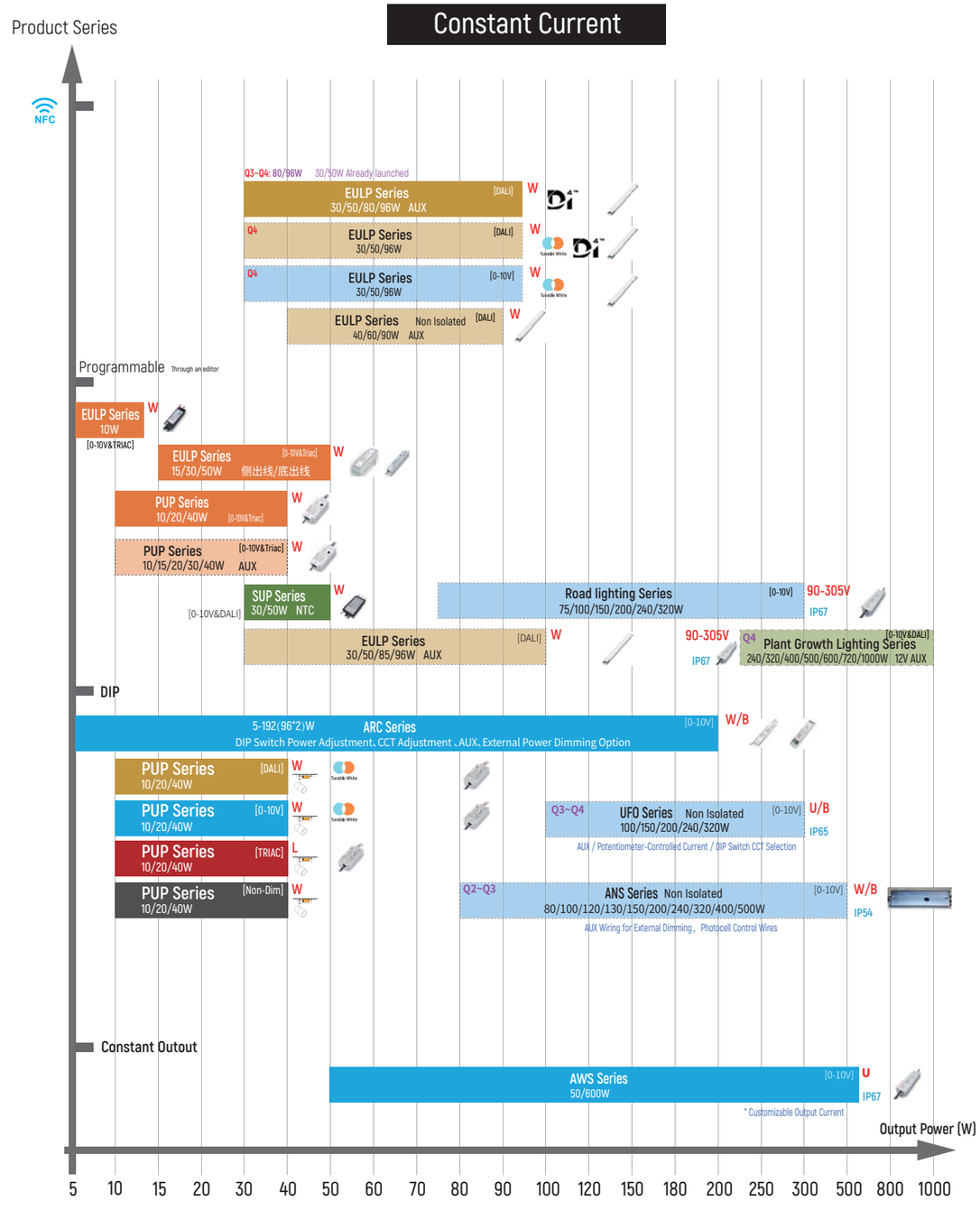
1. Universal Auto Insert machine
2. Screen Printing
3. 4 JUKI SMT Machines
4.Burning Testers
5. Automatic AOI Visual Inspection
6.Dip Lines with six ATE Testers

Euchips Product Roadmap

US LED Drivers



Euchips Product Roadmap



Indoor
Commercial Lighting Driver

Commercial Lighting Driver

01



PUP Series

Output : Constant Current
Power : 10/15/20/30/40W
Dimming: DALI/0-10V/TRIAC&ELV/0-10V&TRIAC&ELV Non-Dimming
Feature : Current adjustable Junction Box optional

02



EULP Series

Output : Constant Current
Power : 10/15/30/50W
Dimming: 0-10V&TRIAC&ELV
Feature : Compact size Programmable

03



SUP Dimmable Series

Output : Constant Current
Power : 30/50W
Dimming: 0-10V/DALI/0-10V&DALI
Feature : Programmable

04



CUP Series

Output : Constant Current
Power : 17/19/25/34/38/40W
Dimming: 0-10V&TRIAC&ELV
Feature : Dip Switch

05



ARC MB/R/P/M/S Series

Output : Constant Current
Power : 5-96W
Dimming: 0-10V
Feature : Multi size and functions customized (12V auxiliary / Adjust powe / Adjust Tunable White)

06



BMP Track Magnetic Series

Output : Constant Current
Power : 4.8-48W
Dimming: 0-10V/DALI
Feature : DC to DC

PUP Series

01

PUP Series are output current adjustable and integrated various dimming mode such as DALI, 0-10V and Triac&ELV, also with non-dimming.
They are designed as compact size with high performance for indoor spot light, down light and panel light application.





PUP Series

Portfolio	Input Voltage (VAC)	Output Power (W)	DALI	Tunable White	0-10V	TRIAC&ELV	Program	Dip Switch	Life Time (h)
PUPxx-1WMC	120-277	10-40						Yes	50,000@tc-life
PUPxxA-1WMC	120-277	10-40			Yes			Yes	50,000@tc-life
PUPxxA-2WMC	120-277	20/40		Yes	Yes			Yes	50,000@tc-life
PUPxxT-1LMC	120-277	10-40				Yes		Yes	50,000@tc-life
PUPxxAT-1WPC	120-277	10-40			Yes	Yes	Yes		50,000@tc-life
PUPxxD-1WMC	120-277	10-40	Yes					Yes	50,000@tc-life
PUPxxD-2WMC	120-277	20/40	Yes	Yes				Yes	50,000@tc-life

Optional Metal Box Fitting

Model: EUA-JB-H30B,
Product No.: R.800000010001
Size(L*W*H): 9.06×1.89×1.18
10W/15W/20W/40W





Model: EUA-JB-L150
Product No.: R.800000040001
Size(L*W*H): 5.91×1.93×1.26
10W/15W

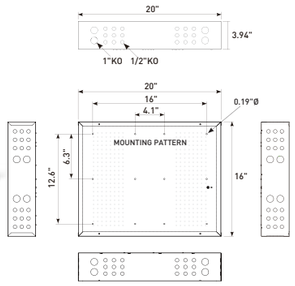


Model: EUA-JB-L170
Product No.: R.800000050001
Size(L*W*H): 6.69×1.93×1.26
10W/15W/20W



Model: EUA-IPS-H104
Product No.: R.800000020001





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Model No.	EUA-IPS-H104
Number of Installations	6PCS
G.W.	4341g
Material	Metal
Size	20×16×3.94 (inch)
Applicable Products	PUP Series CUP Series

PUP Series: Non-Dimming

PUPxx-1WMC

xx: Max. output power

Features

- 8 output current by Dip switch
- Low ripple less than 3%
- Build-in active PFC, flicker free
- Short circuit, overload, overvoltage protection
- 5 years warranty

Benefits

- Adjustable output current enables flexibility
- Peace of mind with proven reliability

Application

- Spot light
- Down light
- Panel light



Certificate

cULus LISTED LED DRIVER E490914

Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Current (mA)	Efficiency	PF	Size L*W*H inch
PUP10-1WMC-350	10	120-277	9-42	120/150/180/210/ 260/290/320/350	85%(120Vac)	0.99	2.95*1.37*1.05
PUP10-1WMC-700	10	120-277	2-21	350/400/450/500/ 550/600/650/700	85%(120Vac)	0.99	2.95*1.37*1.05
PUP20-1WMC	20	120-277	9-45	350/400/450/500/ 550/600/650/700	85%(120Vac)	0.99	3.46*1.69*1.05
PUP40-1WMC-850	40	120-277	9-48	500/550/600/650/ 700/750/800/850	87%(120Vac)	0.99	4.76*1.73*1.05
PUP40-1WMC-1200	40	120-277	9-42	850/900/950/1000/ 1050/1100/1150/1200	87%(120Vac)	0.99	4.76*1.73*1.05

PUP Series: 0-10V Dimming

PUPxxA-1WMC

A: 0-10V Dimming
xx: Max. output power

Features

· 0-10V/PWM/Rx 3-in-1 Dimming
· 8 output current by Dip switch
· Smooth dimming range 0.1-100%
· Customizable dimming curve by built-in MCU
· Low ripple less than 3%
· Build-in active PFC, flicker free
· Short circuit, overload, overvoltage protection
· 5 years warranty

Benefits

· Reliable and perfect dimming effect
· Adjustable output current enables flexibility
· Peace of mind with proven reliability

Application

· Spot light
· Down light
· Panel light



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Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Current (mA)	Efficiency	PF	Size L*W*H inch
PUP10A-1WMC-350	10	120-277	9-42	120/150/180/210/ 260/290/320/350	79%(120Vac)	0.98	2.95*1.37*1.05
PUP10A-1WMC-700	10	120-277	2-21	350/400/450/500/ 550/600/650/700	78%(120Vac)	0.98	2.95*1.37*1.05
PUP20A-1WMC	20	120-277	9-45	350/400/450/500/ 550/600/650/700	85%(120Vac)	0.98	3.46*1.69*1.05
PUP40A-1WMC-850	40	120-277	9-48	500/550/600/650/ 700/750/800/850	87%(120Vac)	0.99	4.76*1.73*1.05
PUP40A-1WMC-1200	40	120-277	9-42	850/900/950/1000/ 1050/1100/1150/1200	87%(120Vac)	0.99	4.76*1.73*1.05

PUP Series: 0-10V Tunable White Dimming

PUPxxA-2WMC

A: 0-10V Dimming
xx: Max. output power

Features

· Dual-channel output to adjust color temperature from 2700-6500K
· 8 output current by Dip switch
· Smooth dimming range 0.1-100%
· Low ripple less than 5%
· Build-in active PFC, flicker free
· Short circuit, overload, overvoltage protection
· 5 year warranty

Benefits

· Applicate for both dimming and CCT
· Reliable and perfect dimming effect
· Adjustable output current enables flexibility
· Peace of mind with proven reliability

Application

· Spot light
· Down light
· Panel light



Tunable White

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Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Current (mA)	Efficiency	PF	Size L*W*H inch
PUP20A-2WMC	20	120-277	9-45	350/400/450/500/550/ 600/650/700	84%(120Vac)	0.97	3.46*1.69*1.05
PUP40A-2WMC-850	40	120-277	9-48	500/550/600/650/700/ 750/800/850	87%(120Vac)	0.98	4.76*1.73*1.05
PUP40A-2WMC-1200	40	120-277	9-48	850/900/950/1000/1050/ 1100/1150/1200	85%(120Vac)	0.98	4.76*1.73*1.05

PUP Series: Triac&ELV Dimming

PUPxxT-1WMC

T: TRIAC&ELV Dimming
xx: Max. output power

Features

- Support both Leading Edge (Triac) and Trailing Edge (ELV) dimming
- TRIAC and ELV dimming at 120 Vac only
- 8 output current by Dip switch
- Low ripple less than 3%
- Build-in active PFC, flicker free
- Short circuit, overload, overvoltage protection
- 5 years warranty

Benefits

- Well compatible with industry standard TRIAC&ELV dimmers
- Adjustable output current enables flexibility
- Peace of mind with proven reliability

Application

- Spot light
- Down light
- Panel light



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Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Current (mA)	Efficiency	PF	Size L*W*H inch
PUP10T-1LMC-350	10	120-277	9-42	120/150/180/210/ 260/290/320/350	70%(120Vac)	0.92	2.95*1.37*1.05
PUP10T-1LMC-700	10	120-277	2-21	350/400/450/500/ 550/600/650/700	70%(120Vac)	0.92	2.95*1.37*1.05
PUP20T-1LMC	20	120-277	9-45	350/400/450/500/ 550/600/650/700	79%(120Vac)	0.92	3.46*1.69*1.05
PUP40T-1LMC-850	40	120-277	9-48	500/550/600/650/ 700/750/800/850	84%(120Vac)	0.95	4.76*1.73*1.05
PUP40T-1LMC-1200	40	120-277	9-42	850/900/950/1000/ 1050/1100/1150/1200	83%(120Vac)	0.95	4.76*1.73*1.05

PUP Series: 0-10V and Triac&ELV Dimming

PUPxxAT-1WMC

AT: 0-10V and Triac&ELV dimming
xx: Max. output power

Features

- 0-10V/PWM/adjustable resistance/Triac&ELV 5-in-1 dimming
- TRIAC and ELV dimming at 120 Vac only
- Configurable dimming depth and curve by programming
- Adjustable output current by programming
- Build-in active PFC, flicker free
- Short circuit, overload, overvoltage protection
- 5 years warranty

Benefits

- Flexible dimming application
- Reliable and perfect dimming effect
- Well compatible with industry standard TRIAC&ELV dimmers
- Peace of mind with proven reliability

Application

- Spot light
- Down light
- Panel light



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Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Current (mA)	Efficiency	PF	Size L*W*H inch
PUP10AT-1WPC	10	120-277	9-45	120-350	74%(120Vac)	0.95	2.95*1.37*1.05
PUP15AT-1WPC	15	120-277	9-45	250-500	77%(120Vac)	0.95	2.95*1.37*1.05
PUP20AT-1WPC	20	120-277	9-45	350-700	78%(120Vac)	0.95	2.95*1.37*1.05
PUP30AT-1WPC	30	120-277	9-45	500-1050	82%(120Vac)	0.95	3.46*1.69*1.05
PUP40AT-1WPC	40	120-277	9-45	800-1200	85%(120Vac)	0.95	3.46*1.69*1.05

PUP Series: DALI Dimming

PUPxxD-1WMC

D: DALI Dimming
xx: Max. output power

Features

- DAL and Touch DIM dimming
- Smooth dimming range 0.1-100%, flicker free
- 8 output current by Dip switch
- Build-in active PFC, flicker free
- Short circuit, overload, overvoltage protection
- 5 years warranty

Benefits

Reliable and perfect dimming effect
Adjustable output current enables flexibility
Peace of mind with proven reliability

Application

- Spot light
- Down light
- Panel light



DALI 2

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Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Current (mA)	Efficiency	PF	Size L*W*H inch
PUP10D-1WMC-350	10	120-277	9-42	120/150/180/210/ 260/290/320/350	80%(120Vac)	0.98	2.95*1.37*1.05
PUP10D-1WMC-700	10	120-277	2-21	350/400/450/500/ 550/600/650/700	79%(120Vac)	0.98	2.95*1.37*1.05
PUP20D-1WMC	20	120-277	9-45	350/400/450/500/ 550/600/650/700	85%(120Vac)	0.98	3.46*1.69*1.05
PUP40D-1WMC-850	40	120-277	9-48	500/550/600/650/ 700/750/800/850	87%(120Vac)	0.99	4.76*1.73*1.05
PUP40D-1WMC-1200	40	120-277	9-42	850/900/950/1000/ 1050/1100/1150/1200	87%(120Vac)	0.99	4.76*1.73*1.05

PUP Series: DALI DT8 Dimming

PUPxxD-2WMC

D: DALI Dimming
xx: Max. output power
2: Dual-channel

Features

- DAL and Touch DIM dimming
- Dual channel output, support DALI DT8
- Dimming range 0.1-100%, CCT range 2700-6500K, smooth and flicker free
- 8 output current by Dip switch
- Build-in active PFC, flicker free
- Short circuit, overload, overvoltage protection
- 5 years warranty

Benefits

Reliable and perfect dimming effect
Adjustable output current enables flexibility
Peace of mind with proven reliability

Application

- Spot light
- Down light
- Panel light





Tunable White

Certificate

cULus LISTED LED DRIVER E490914

Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Current (mA)	Efficiency	PF	Size L*W*H inch
PUP20D-2WMC	20	120-277	9-45	350/400/450/500/ 550/600/650/700	85%(120Vac)	0.98	3.46*1.69*1.05
PUP40D-2WMC-850	40	120-277	9-48	500/550/600/650/ 700/750/800/850	87%(120Vac)	0.95	4.76*1.73*1.05
PUP40D-2WMC-1200	40	120-277	9-42	850/900/950/1000/ 1050/1100/1150/1200	86%(120Vac)	0.95	4.76*1.73*1.05

EULP Series

02

EULP Series are compact size designed for indoor spot light, down light and panel light applications. With integrated 0-10V and Triac&ELV dimming, and programmable features for adjusting output current and dimming effects, it offers great flexibility to customers.

Portfolio	Input Voltage (VAC)	Output Power (W)	DALI	Tunable White	0-10V	TRIAC&ELV	Program	Dip Switch	Life Time (h)
EULPxxAT-1WPC	120-277	10-50			Yes	Yes	Yes		50,000@tc-life

EULP Series: 0-10V and Triac&ELV Dimming

EULPxxAT-1WPC

AT: 0-10V and Triac&ELV dimming
xx: Max. output power

Features

· 0-10V/TRIAC&ELV/PWM 3-in-1 dimming
· TRIAC and ELV dimming at 120Vac only
· Adjustable output current by programming
· Programable dimming curve and depth configuration
· Short circuit, overload, overvoltage protection
· Suitable for dry , damp Location
· 5 years warranty

Benefits

· Higher power density
· Customized dimming effect
· Adjustable output current enables flexibility
· Peace of mind with proven reliability

Application

· Spot light
· Down light
· Panel light


10W WS: Side wiring


WS: Side wiring


WB: Bottom wiring

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Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Current (mA)	Efficiency	PF	Size L*W*H inch
EULP10AT-1WPC-WS-120	10	120-277	9-42	120-300	74%(120Vac)	0.9	3.85*1.02*0.89
EULP10AT-1WPC-WS-300	10	120-277	3-15	300-667	79%(120Vac)	0.9	3.85*1.02*0.89
EULP15AT-1WPC-WS	15	120-277	9-50	150-400	81%(120Vac)	0.95	4.86*1.1*0.98
EULP15AT-1WPC-WB	15	120-277	9-50	150-400	81%(120Vac)	0.95	4.86*1.1*0.98
EULP30AT-1WPC-WS	30	120-277	9-50	350-800	82%(120Vac)	0.95	4.86*1.1*0.98
EULP30AT-1WPC-WB	30	120-277	9-50	350-800	82%(120Vac)	0.95	4.86*1.1*0.98
EULP50AT-1WPC-WS	50	120-277	9-50	700-1200	87%(120Vac)	0.98	4.86*1.1*0.98
EULP50AT-1WPC-WB	50	120-277	9-50	700-1200	87%(120Vac)	0.98	4.86*1.1*0.98

ARC Customized Series for Commercial

03

ARC commercial lighting driver series are designed with various case sizes such as match box (MB series), mini case (M series), 6-inch case(P series), narrow case (R series), standard case (S series), and also rich optional functions such as adjustable output current, output power, color temperature and 12V AUX, which are widely applicate to indoor spot light, down light and panel light.


MB Series


R Series


P Series


M Series


S Series

ARC Series

Portfolio	Size L*W*H inch	Input Voltage (VAC)	Output Power (W)	DALI	Tunable White	0-10V	TRIAC/ELV	Program	Dip Switch	Life Time (h)
ARC-DI-MB	3.50*1.65*0.95	120-277	5-23			Yes				50,000@tc-life
ARC-DI-R	6.0*1.3*1.1	120-277	15-50			Yes			Yes	50,000@tc-life
ARC-DI-P	6.0*1.8*1.1	120-277	22-60			Yes			Yes	50,000@tc-life
ARC-DI-M	9.5x1.3x1.1	120-277	60-80			Yes			Yes	50,000@tc-life
ARC-DI-S	9.52*1.70*1.18	120-277	60-96			Yes			Yes	50,000@tc-life

ARC XX AAA × c a BBBB CCC XYZ d N (o)

(o):Dim to off

N:Number of CCT Selectable

S=Standard Case
M=Mini Case
P=6-inch Case
R=Narrow Case
MB=Match Box

XYZ: Expansion Function
D1: 0-10V Dimming
D1S: 0-10V Dimming+12V
D1+Dn*: 0-10V Dimming+Power Selectable
D1S+Dn*: 0-10V Dimming+12Vaux+Power Selectable
D1+Dn*(EX): 0-10V Dimming+External 3-stage Power Selectable
*n: Number of Power Selectable

CCC: Input Voltage
UNV=120V-277V MUV=120V-347V HUV=347V-480V

BBBB: Output Current or Output Voltage

Constant Current or Constant Voltage
I=Constant Current U=Constant Voltage

AAA:Output Power
C:Channel (Default blank for single channel)

XX: DI=Isolation DN=Non-isolation

ARC DI 5-23W MB Series

Features
· 0-10V dimming, dim to off
· Surge 2.5KV
· High efficiency and high PF
· Optional adjustable power
· Suitable for dry , damp Location
· 5 years warranty

Benefits
· Reliable protection
· Mini size enables flexibility
· Peace of mind with proven reliability

Application
· Panel/Troffer light
· Down light
· Spot light



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Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Current (mA)	Dimming	Efficiency	PF	Size L*W*H inch
ARC-DI-5I200-UNV-D1-MB	5	120-277	18-25	200	0-10V	82%(120Vac)	0.9	3.50*1.65*0.95
ARC-DI-6I150-UNV-D1-MB	6	120-277	30-40	150	0-10V	82%(120Vac)	0.9	3.50*1.65*0.95
ARC-DI-10I250-UNV-D1-MB	10	120-277	30-40	250	0-10V	82%(120Vac)	0.9	3.50*1.65*0.95
ARC-DI-12I300-UNV-D1-MB	12	120-277	30-40	300	0-10V	82%(120Vac)	0.9	3.50*1.65*0.95
ARC-DI-14I350-UNV-D1-MB	14	120-277	30-40	350	0-10V	82%(120Vac)	0.9	3.50*1.65*0.95
ARC-DI-16I400-UNV-D1-MB	16	120-277	30-40	400	0-10V	82%(120Vac)	0.9	3.50*1.65*0.95
ARC-DI-20I500-UNV-D1-MB	20	120-277	30-40	500	0-10V	82%(120Vac)	0.9	3.50*1.65*0.95

Optional Functions

Functions by Model Name	Dimming		Output Current		Functions		
	0-10V	Non-Dimming	DIP	FIX	Dim to Off	Input Voltage	Isolated (DI)
NC		√		√		UNV:120-277V	√
D1	√				√ / ×	MUV:120-347V	

√ /×Optional Features

ARC DI 15-50W R Series

Features
· 0-10V dimming, dim to off
· Adjustable output current by Dip switch
· Surge2.5- 6KV
· High efficiency and high PF
· Optional 12V AUX/ Adjustable power
· Suitable for dry , damp Location
· 5 years warranty

Benefits
· Reliable protection
· Optional functions enable flexibility
· Peace of mind with proven reliability

Application
· Panel/Troffer light
· Puff light
· Linear strip light



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Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Current (mA)	Dimming	Efficiency	PF	Size L*W*H inch
ARC-DI-50I1100-UNV-D1+D3-R(o)	50	120-277	30-45	700/890/1100	0-10V	84%(120Vac)	0.9	6.0*1.3*1.1
ARC-DI-50I1100-UNV-D1+D3-R(o)	50	120-277	30-45	730/910/1100	0-10V	84%(120Vac)	0.9	6.0*1.3*1.1
ARC-DI-50I1120-UNV-D1+D3-R	50	120-277	30-45	730/910/1120	0-10V	85%(120Vac)	0.9	6.0*1.3*1.1
ARC-DI-50I1250-UNV-D1-R	50	120-277	24-35	Max. 1250	0-10V	86%(120Vac)	0.9	6.0*1.3*1.1
ARC-DI-50I1250-UNV-D1+D3-R	50	120-277	24-35	Max. 1250	0-10V	86%(120Vac)	0.9	6.0*1.3*1.1
ARC-DI-50I1250-UNV-D1+D3(EX)-R	50	120-277	24-35	Max. 1250	0-10V	86%(120Vac)	0.9	6.0*1.3*1.1
ARC-DI-50I1250-UNV-D1S-R	50	120-277	24-35	Max. 1250	0-10V	86%(120Vac)	0.9	6.0*1.3*1.1
ARC-DI-50I1250-UNV-D1S+D3-R	50	120-277	24-35	Max. 1250	0-10V	86%(120Vac)	0.9	6.0*1.3*1.1
ARC-DI-50I1250-UNV-D1S+D3(EX)-R	50	120-277	24-35	Max. 1250	0-10V	86%(120Vac)	0.9	6.0*1.3*1.1

Optional Functions

Functions by Model Name	Dimming		Output Current		Functions					
	0-10V	Non-Dimming	DIP	FIX	12V AUX	Dim to off	Input Voltage	Isolated (DI)	non-Isolated (DN)	(EX)
NC		√		√			UNV:120-277V / MUV:120-347V	√	√	√ / × External Power Selectable
D1	√			√		√ / ×				
D1S	√			√	√	√				
D1+D3	√		√			√ / ×				
D1S+D3	√		√		√	√				

√ /×Optional Features

ARC DI 22-60W P Series

Features

· 0-10V dimming, dim to off
· Adjustable output current by Dip switch
· Surge2.5- 6KV
· High efficiency and high PF
· Optional 12V AUX/ Adjustable CCT and power
· Suitable for dry , damp Location
· 5 years warranty

Benefits

· Reliable protection
· Optional functions enable flexibility
· Peace of mind with proven reliability

Application

· Panel light
· Down light



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Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Current (A)	Dimming	Efficiency	PF	Size L*W*H inch
ARC-DI-31I750-UNV-D1+D3-P3	31	120-277	30-42	0.55/0.65/0.75	0-10V	83%(120Vac)	0.9	6.0*1.8*1.1
ARC-DI-45I400-UNV-D1+D3-P3	54	120-277	30-50	0.3/0.35/0.4	0-10V	82%(120Vac)	0.9	6.0*1.8*1.1
ARC-DI-54I1200-UNV-D1+D3-P	54	120-277	30-45	0.85/1.1/1.2	0-10V	85%(120Vac)	0.9	6.0*1.8*1.1
ARC-DI-60I1500-UNV-D1+D3-P	60	120-277	30-40	1.2/1.3/1.5	0-10V	85%(120Vac)	0.9	6.0*1.8*1.1
ARC-DI-60I1500-UNV-D1+D3-P	60	120-277	30-40	1.3/1.4/1.5	0-10V	85%(120Vac)	0.9	6.0*1.8*1.1
ARC-DI-60I1250-UNV-D1+D3-P	60	120-277	30-48	0.87/1.05/1.25	0-10V	85%(120Vac)	0.9	6.0*1.8*1.1
ARC-DI-60I1400-UNV-D1S+D5-P5	60	120-277	24-42	1.2/1.25/1.3/1.35/1.4	0-10V	87%(120Vac)	0.9	6.0*1.8*1.1
ARC-DI-60I1200-MUV-D1-P	60	120-277	30-50	1.2	0-10V	85%(120Vac)	0.9	6.0*1.8*1.1
ARC-DI-60I1200-MUV-D1-P(EX)	60	120-277	30-50	1.0/1.1/1.2	0-10V	85%(120Vac)	0.9	6.0*1.8*1.1

Optional Functions

Functions by Model Name	Dimming		Output Current		Functions					
	0-10V	Non-Dimming	DIP	FIX	12V AUX	Dim to Off	Input Voltage	Isolated (DI)	No. of CCT (N)	(EX)
NC		√		√			UNV:120-277V / MUV:120-347V	√	CCT 3 CCT 5	√ / × External Power Selectable
D1	√			√		√ / ×				
D1S	√			√	√	√				
D1+D3	√		√			√ / ×				
D1S+D3	√		√		√	√				

√ /×Optional Features

ARC DI 60-80W M Series

Features

· 0-10V dimming, dim to off
· Adjustable output current by Dip switch
· Surge 2.5KV
· Optional 12V AUX/ Adjustable power
· High efficiency and high PF
· Suitable for dry , damp Location
· 5 years warranty

Benefits

· Reliable protection
· Optional functions enable flexibility
· Peace of mind with proven reliability

Application

· Puff light
· Panel light
· Strip light



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Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Current (mA)	Dimming	Efficiency	PF	Size L*W*H inch
ARC-DI-62I1250-UNV-D1-M	62	120-277	30-50	1250	0-10V	85%(120Vac)	0.9	9.5x1.3x1.1
ARC-DI-68I1700-UNV-D1-M	68	120-277	30-40	1700	0-10V	85%(120Vac)	0.9	9.5x1.3x1.1
ARC-DI-76I1900-UNV-D1+D3-M(o)	76	120-277	20-40	1250/1600/1900	0-10V	86%(120Vac)	0.9	9.5x1.3x1.1
ARC-DI-80I2000-UNV-D1+D3-M	80	120-277	30-40	1600/1800/2000	0-10V	86%(120Vac)	0.9	9.5x1.3x1.1
ARC-DI-80I2000-UNV-D1-M(o)	80	120-277	30-40	2000	0-10V	86%(120Vac)	0.9	9.5x1.3x1.1
ARC-DI-80I1600-MUV-D1-M(EX)	80	120-347	30-50	1400/1500/1600	0-10V	86%(120Vac)	0.9	9.5x1.3x1.1

Optional Functions

Functions by Model Name	Dimming		Output Current		Functions				
	0-10V	Non-Dimming	DIP	FIX	12V AUX	Dim to Off	Input Voltage	Isolation (DI)	(EX)
NC		√		√			UNV:120-277V / MUV:120-347V	√	√ / × External Power Selectable
D1	√			√		√ / ×			
D1S	√			√	√	√			
D1+D3	√		√			√ / ×			
D1S+D3	√		√		√	√			

√ /×Optional Features

ARC DI 60-96W S Series

Features

· 0-10V dimming, dim to off
· Adjustable output current by Dip switch
· Surge 2.5KV
· High efficiency and high PF
· Optional 12V AUX/ Adjustable CCT and power
· Suitable for dry , damp Location
· 5 years warranty

Benefits

· Reliable protection
· Optional functions enable flexibility
· Peace of mind with proven reliability

Application

· Puff light
· Panel light
· Strip light



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Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Current (A)	Dimming	Efficiency	PF	Size L*W*H inch
ARC-DI-96I2000-UNV-D1+D3-S(o)	96	120-277	30-48	1.6/1.8/2.0	0-10V	86%(120Vac)	0.9	9.52*1.70*1.18
ARC-DI-96I2000-UNV-D1+D3-S	96	120-277	30-48	1.8/1.9/2.0	0-10V	86%(120Vac)	0.9	9.52*1.70*1.18
ARC-DI-96I2000-MUV-D1-S	96	120-347	30-48	2.0	0-10V	86%(120Vac)	0.9	9.52*1.70*1.18
ARC-DI-96I2400-MUV-S	96	120-347	26-40	2.4	0-10V	86%(120Vac)	0.9	9.52*1.70*1.18

Optional Functions

Functions by Model Name	Dimming		Output Current		Functions					
	0-10V	Non-Dimming	DIP	FIX	12V AUX	Dim to Off	Input Voltage	Isolated (DI)	No. of CCT (N)	(EX)
NC		√		√			UNV:120-277V / MUV:120-347V	√	CCT 3 / CCT 5	√ / × External Power Selectable
D1	√			√		√ / ×				
D1S	√			√	√	√				
D1+D3	√		√			√ / ×				
D1S+D3	√		√		√	√				

√ / ×Optional Features

ARC Accessories: Current Distributor

ARC-CCT DIMMER-3



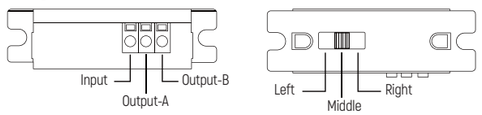
Features

· Compact size for easy installation
· 3-stage ratio adjustment: 100%-0%, 50%-50%, 0%-100%
· Compatible with both constant current and constant voltage drivers
· Size: 2.57*0.75*0.67 inch

Function Diagram

Switch	Output A	Output B
Left	100%	0%
Middle	50%	50%
Right	0%	100%

Wiring



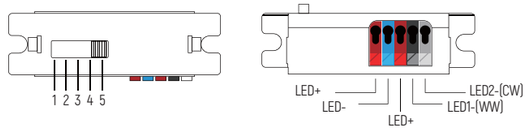
ARC-CCT DIMMER-5



Features

· Compact size for easy installation
· 5-stage ratio adjustment: 100%-0%, 75%-25%, 50%-50%, 25%-75%, 0%-100%
· Compatible with both constant current and constant voltage drivers
· Size: 2.57*0.75*0.87 inch

Switch	LED 1	LED 2
1	0%	100%
2	25%	75%
3	50%	50%
4	75%	25%
5	100%	0%



SUP Series

04

SUP dimmable drivers are designed for down light with integrated 0-10V and DALI dimming, these drivers have both side wiring and bottom wiring for convenient connection

Portfolio	Input Voltage (VAC)	Output Power (W)	DALI	Tunable White	0-10V	TRIAC&ELV	Program	Dip Switch	Life Time (h)
SUPxxA-1WPC	120-277	50			Yes		Yes		50,000@tc-life
SUPxxAD-1WPC	120-277	30/50	Yes		Yes		Yes		50,000@tc-life

SUP Series: 0-10V Dimming

SUPxxA-1WPC

A: 0-10V dimming
xx: Max. output power

Features

· 0-10V dimming
· Dimming range 1-100%
· Adjustable output current by programming
· NTC External over temperature protection
· Build-in active PFC, flicker free
· Short circuit, overload, overvoltage protection
· Suitable for dry , damp Location
· 5 years warranty

Benefits

· Reliable and perfect dimming effect
· Adjustable output current enables flexibility
· Peace of mind with proven reliability

Application

· Down light





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Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Current (mA)	Efficiency	PF	Size L*W*H inch
SUP30A-1WPC-WS	30	120-277	9-52	250-1050	85%(120Vac)	0.95	5.12*2.38*1.02
SUP30A-1WPC-WB	30	120-277	9-52	250-1050	85%(120Vac)	0.95	5.12*2.38*1.02
SUP50A-1WPC-WS	50	120-277	9-52	450-1400	87%(120Vac)	0.95	5.12*2.38*1.02
SUP50A-1WPC-WB	50	120-277	9-52	450-1400	87%(120Vac)	0.95	5.12*2.38*1.02

SUP Series: 0-10V and DALI Dimming

SUPxxAD-1WPC

AD: 0-10V&DALI Dimming
xx: Max. output power

Features

· Integrated DALI, Push DIM, 0-10Vand PWM dimming
· Dimming range 1-100%
· Adjustable output current by programming
· NTC External over temperature protection
· Build-in active PFC, flicker free
· Short circuit, overload, overvoltage protection
· Suitable for dry , damp Location
· 5 years warranty

Benefits

· Reliable and perfect dimming effect
· Adjustable output current enables flexibility
· Peace of mind with proven reliability

Application

· Down light



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Key Specs

WS: Side wiring **WB:** Bottom wiring

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Current (mA)	Efficiency	PF	Size L*W*H inch
SUP30AD-1WPC-WS	30	120-277	9-52	250-1050	85%(120Vac)	0.95	5.12*2.38*1.02
SUP30AD-1WPC-WB	30	120-277	9-52	250-1050	85%(120Vac)	0.95	5.12*2.38*1.02
SUP50AD-1WPC-WS	50	120-277	9-52	450-1400	87%(120Vac)	0.95	5.12*2.38*1.02
SUP50AD-1WPC-WB	50	120-277	9-52	450-1400	87%(120Vac)	0.95	5.12*2.38*1.02

CUP Series

05

CUP dimmable drivers are designed with compact size for indoor down light and panel light with integrated 0-10V and TRIAC&ELV dimming.

Portfolio	Input Voltage (VAC)	Output Power (W)	DALI	Tunable White	0-10V	TRIAC&ELV	Program	Dip Switch	Life Time (h)
CUPxxAT-1WMC	120-277	17-40			Yes	Yes		Yes	50,000@tc-life

CUP Series: 0-10V and Triac&ELV Dimming

CUPxxAT-1WMC

AT: 0-10V and Triac&ELV dimming
xx: Max. output power

Features

· Integrated 0-10V and TRIAC&ELV dimming
· Compatible with TRIAC and ELV dimmer
· Adjustable output current by Dip switch
· Surge 2.5KV ring wave
· Build-in active PFC, flicker free
· 50,000 hours life time
· 5 years warranty

Benefits

· Reliable and perfect dimming effect
· Compact size and adjustable output current enable flexibility
· Peace of mind with proven reliability

Application

· Down light
· Panel light



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Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Current (mA)	Efficiency	PF	Size L*W*H inch
CUP17AT-1WMC	17	120-277	30-42	250/300/350/400	84%(120Vac)	0.95	3.42*1.89*1.14
CUP19AT-1WMC(o)	19	120-277	30-42	350/400/450/450	84%(120Vac)	0.95	3.42*1.89*1.14
CUP25AT-1WMC(o)	25	120-277	30-42	450/500/550/600	84%(120Vac)	0.95	3.42*1.89*1.14
CUP34AT-1WMC	34	120-277	30-42	650/700/750/800	84%(120Vac)	0.95	3.42*1.89*1.14
CUP35AT-1WMC	35	120-277	21-42	700/800/850/900	85%(120Vac)	0.95	3.42*1.89*1.14
CUP38AT-1WMC(o)	38	120-277	30-42	750/800/850/900	84%(120Vac)	0.95	3.42*1.89*1.14
CUP40AT-1WMC	40	120-277	30-42	850/900/950/1000	84%(120Vac)	0.95	3.42*1.89*1.14

(o) = dim to off

BMP Track Magnetic Series

06

BMP track magnetic drivers are designed for track down light and spot light, it's easy to install and operate.



Non-dimming



0-10V dimming



DALI dimming

Tunable White

Portfolio	Input Voltage (VDC)	Output Power (W)	DALI	Tunable White	0-10V	TRIAC&ELV	Program	Dip Switch	Life Time (h)
BMPxx-1SMC	48	6-28						Yes	30,000@tc-life / 50,000@tc-life
BMPxxA-1SMC	48	4.8-48			Yes			Yes	50,000@tc-life
BMPxxD-1/2SMC	48		Yes	Yes				Yes	50,000@tc-life

BMP Track Magnetic Series: non-Dimming

BMPxx-1SMC

xx: Max. output power

Features

· Adjustable output current by Dip switch
· Support hot plug
· Short circuit, overload and no-load operation protection
· 5 years warranty

Benefits

· Reliable and robust protection
· Adjustable output current enables flexibility
· Peace of mind with proven reliability

Application

· Track spot light
· Track down light



Key Specs

Model	Max. Output Power (W)	Input Voltage (VDC)	Output Voltage (VDC)	Output Current (mA)	Efficiency	Size L*W*H inch
BMP12-1SMC	12	48	24-42	150/200/250/300	91%	2.49*0.47*0.37
BMP14-1SMC	14	48	9-40	120/150/180/210/ 250/280/300/350	93%	4.92*0.55*0.39
BMP20-1SMC	20	48	24-42	350/400/450/500	91%	2.49*0.47*0.37
BMP28-1SMC	28	48	9-40	350/500/550/700	93%	4.92*0.55*0.39

BMP Track Magnetic Series: 0-10V Dimming

BMPxxA-1SMC

A: 0-10V Dimming
xx: Max. output power

Features

· 0-10V, PWM and Rx 3-in-1 dimming
· Dimming range 0.5-100%
· Adjustable output current by Dip switch
· Support hot plug
· Low ripple less than 3%
· Short circuit, overload and no-load operation protection
· Input reverse connection
· 5 years warranty

Benefits

· Reliable and robust protection
· Adjustable output current enables flexibility
· Peace of mind with proven reliability

Application

· Track spot light
· Track down light



Key Specs

Model	Max. Output Power (W)	Input Voltage (VDC)	Output Voltage (VDC)	Output Current (mA)	Efficiency	Size L*W*H inch
BMP14A-1SMC	14	48	9-40	120/150/180/210/250/280/300/350	91%	4.92*0.55*0.39
BMP28A-1SMC	28	48	9-40	350/400/450/500/550/600/650/700	93%	4.92*0.55*0.39
BMP48A-1S48V	48	24/48	24/48	1000	90%	4.92*0.55*0.39

BMP Track Magnetic Series: DALI Dimming

BMPxxD-1SMC/2SMC

D: DALI Dimming
xx: Max. output power

Features

· DALI dimming
· Dimming range 1-100%
· Adjustable output current by Dip switch
· Support hot plug
· Short circuit, overload and no-load operation protection
· Input reverse connection
· 5 years warranty

Benefits

· Reliable and robust protection
· Adjustable output current enables flexibility
· Peace of mind with proven reliability

Application

· Track spot light
· Track down light



Key Specs

Model	Max. Output Power (W)	Output Channel	Input Voltage (VDC)	Output Voltage (VDC)	Output Current (mA)	Efficiency	Size L*W*H inch
BMP14D-1SMC	14	1	48	9-40	120/150/180/210/250/280/300/350	93%	4.92*0.55*0.39
BMP21D-1SMC	21	1	48	9-20	700/750/800/850/900/950/1000/1050	89%	4.92*0.55*0.39
BMP28D-1SMC	28	1	48	9-40	350/400/450/500/550/600/650/700	92%	4.92*0.55*0.39

2 channel output model Tunable White

Model	Max. Output Power (W)	Output Channel	Input Voltage (VDC)	Output Voltage (VDC)	Output Current (mA)	Efficiency	Size L*W*H inch
BMP14D-2SMC	14	2	48	9-40	120/150/180/210/250/280/300/350	93%	4.96*0.43*0.28
BMP28D-2SMC	28	2	48	9-40	350/400/450/500/550/600/650/700	83%	4.92*0.55*0.39
BMP28D-2SMC-S	28	2	48	9-40	350/400/450/500/550/600/650/700	93%	4.92*0.55*0.39
BMP48D-2S48V	48	2	24/48	24/48	1000	90%	4.92*0.55*0.39

Indoor
Architectural Lighting Driver

Architectural Lighting Driver

01



EULP Linear Series

Output : Constant Current
Power : 30/50/85/96W
Dimming: 0-10V/D4i
Feature : 12/24V AUX
Surge 2KV/4KV

02



ARC LS/SLC/SLW/SSC Series

Output : Constant Current
Power : 10-96x2W
Dimming: 0-10V
Feature : Multi size and functions customized

EULP Linear Series

01

EULP Linear series are designed for indoor architectural lighting, featuring both 0-10V and D4i dimming functions.
Their thin thickness are easy for lighting fixture design.

Portfolio	Input Voltage (VAC)	Output Power (W)	D4i	DALI	0-10V	TRIAC&ELV	Program	Dip Switch	Life Time (h)
EULPxxAS-1WMC	120-277	30-96			Yes		Yes		50,000@tc-life
EULPxxD4S	120-277	30-96	Yes	Yes			Yes		50,000@tc-life

EULP Linear Series: 0-10V Dimming

EULPxxAS-1WPC/MC

D: DALI dimming
S: Auxiliary power supply
xx: Max. output power

Features

· 0-10V and PWM dimming, dim to off
· Dimming range 1-100%
· Programable configuration: output current, dimming curve, CLO
· Auxiliary power supply 12V
· Short-circuit, overload and over-voltage protection
· Surge 2KV/4KV
· 5 years warranty

Benefits

· Reliable and robust protection
· Programable configuration enables flexibility
· Peace of mind with proven reliability

Application

· Architectural Lighting



Certificate

c UL us LISTED LED DRIVER E490914

Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Current (mA)	Efficiency	PF	Size L*W*H inch
EULP30AS-1WPC	30	120-277	10-55	100-1050	87%(120Vac)	0.95	11.01×1.18×0.82
EULP50AS-1WPC	50	120-277	10-55	400-1400	87%(120Vac)	0.95	11.01×1.18×0.82
EULP85AS-1WPC	85	120-277	10-55	700-2400	90%(120Vac)	0.95	16.73×1.18×0.75
EULP96AS-1WPC	96	120-277	10-55	700-2400	90%(120Vac)	0.95	16.73×1.18×0.75
EULP96AS-1WMC-S3	96	120-277	10-55	2000/2200/2400	87%(120Vac)	0.95	14.96×1.18×1
EULP96AS-1BMC-S3	96	120-347	30-48	2000/2200/2400	87%(120Vac)	0.95	14.96×1.18×1

EULP Linear Series: D4i Dimming

EULPxxD4S-1WNC

D4: D4i dimming
S: Auxiliary power supply
xx: Max. output power

Features

D4i and DALI2 dimming
Dimming range 1-100%
NFC Programable configuration: output current, dimming curve, CLO
24V Auxiliary power supply up to 3W
Short-circuit, overload and over-voltage protection
Surge 2.5KV/2.5KV
5 years warranty

Benefits

· Reliable and robust protection
· NFC Programable configuration enables flexibility
· D4i wireless connection reduced the wiring complexity and cost
· Peace of mind with proven reliability

Application

· Architectural Lighting



Certificate

NFC CE UKCA D4i c UL us LISTED LED DRIVER E490914 DALI 2

Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Current (mA)	Efficiency	PF	Size L*W*H inch
EULP30D4S-1WNC	30	120-277	9-52	100-1100	87%(120Vac)	0.95	11.02×1.18×0.83
EULP50D4S-1WNC	50	120-277	9-52	100-1400	87%(120Vac)	0.95	11.02×1.18×0.83
EULP80D4S-1WNC	80	120-277	24-40	100-2000	85%(120Vac)	0.95	14.17*1.18*0.83
EULP96D4S-1WNC	96	120-277	9-54	100-2800	88%(120Vac)	0.95	14.17*1.18*0.83

02

ARC Customized Series for Architectural Lighting

ARC Architectural lighting driver series are designed with various cans such as long standard case(LS series), standard long case with connector (SLC series), standard long case with wire (SLW series), stand short case with connector (SSC series), and also rich optional functions such as adjustable output current, output power, color temperature and 12V AUX, which are widely applicate to linear lighting fixture.


LS Series


SLC Series


SLW Series


SSC Series

Portfolio	Size L*W*H inch	Input Voltage (VAC)	Output Power (W)	Tunable White	DALI	0-10V	TRIAC/ELV	Program	Dip Switch	Life Time (h)
ARC-D1-LS	11.7*2.1*1.6	120-277/347	(56-96)x2	Yes		Yes		Yes		50,000@tc-life
ARC-D1-SLC	11.02*1.18*0.83	120-277	10-60			Yes			Yes	50,000@tc-life
ARC-D1-SLW	11.02*1.18*0.83	120-277	10-60			Yes			Yes	50,000@tc-life
ARC-D1-SSC	6.50*1.18*0.83	120-277	5-20			Yes			Yes	50,000@tc-life

ARC XX AAA × c a BBBB CCC XYZ d N (o)

(o):Dim to off

N:Number of CCT Selectable

LS=Large Standard Case
SLW=Standard Long Case(Wire)
SLC=Standard long Case(Connector)
SSC=Standard Short Case(Connector)

XYZ: Expansion Function
D1: 0-10V Dimming
D1S: 0-10V Dimming+12V
D1+Dn*: 0-10V Dimming+Power Selectable
D1S+Dn*: 0-10V Dimming+12Vaux+Power Selectable
D1+Dn*(EX): 0-10V Dimming+External 3-stage Power Selectable
*n: Number of Power Selectable

CCC: Input Voltage
UNV=120V-277V
MUV=120V-347V
HUV=347V-480V

BBBB: Output Current or Output Voltage

Constant Current or Constant Voltage
I=Constant Current
U=Constant Voltage

AAA:Output Power
C:Channel (Default blank for single channel)

XX:
DI=Isolation
DN=Non-isolation

ARC DI 59-96Wx2 LS Series

Features
· 0-10V dimming, dim to off
· 2 channel output
· Adjustable output current by programming
· Short circuit, over voltage and over temperature protction
· 12V AUX
· High efficiency and high PF
· Suitable for dry , damp Location
· 5 years warranty

Benefits
· Reliable protection
· Optional functions enable flexibility
· Peace of mind with proven reliability

Application
· Puff light
· Panel light
· Strip light
· Vapor tight light



Certificate

c UL us LISTED LED DRIVER E510342

Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Current (mA)	Dimming	Efficiency	PF	Size L*W*H inch
ARC-DI-96X2-I1920-UNV-D1S-LS	96+96	120-277	30-50	840-1920/channel	0-10V	88%(120Vac)	0.95	11.7*2.1*1.6
ARC-DI-96X2-I1920-MUV-D1S-LS	96+96	120-347	30-50	840-1920/channel	0-10V	88%(120Vac)	0.95	11.7*2.1*1.6

Optional Functions

Functions by Model Name	Dimming		Output Current	Functions			
	0-10V	Non-Dimming	Program	12V AUX	Dim to Off	Input Voltage	Isolated DI
NC		√	√			UNV:120-277V / MUV:120-347V	√
D1	√				√ /×		
D1S	√			√	√		

√ /×Optional Features

ARC DI 10-60W SLC Series

Features
· 0-10V dimming, dim to off
· Adjustable output current by Dip switch
· Surge 2.5KV
· Optional 12V AUX/ Adjustable CCT and power
· High PF
· Suitable for dry , damp Location
· 5 years warranty

Benefits
· Reliable protection
· Optional functions enable flexibility
· Peace of mind with proven reliability

Application
· Puff light
· Panel light
· Strip light
· Vapor tight light



Certificate

c UL us LISTED LED DRIVER E510342

Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Current (mA)	Dimming	Efficiency	PF	Size L*W*H inch
ARC-DI-36I850-UNV-D1+D3-SLC3	36	120-277	30-42	450/650/850	0-10V	84%(120Vac)	0.9	11.02*1.18*0.83
ARC-DI-42I1000-UNV-D1+D3-SLC3(o)	42	120-277	30-42	500/700/1000	0-10V	84%(120Vac)	0.9	11.02*1.18*0.83
ARC-DI-45I1070-UNV-D1+D3-SLC3(o)	45	120-277	30-42	670/900/1070	0-10V	84%(120Vac)	0.9	11.02*1.18*0.83
ARC-DI-50I1200-UNV-D1+D3-SLC3(o)	50	120-277	30-45	850/900/1200	0-10V	84%(120Vac)	0.9	11.02*1.18*0.83

Optional Functions

Functions by Model Name	Dimming		Output Current		Functions						
	0-10V	Non-Dimming	DIP	FIX	12V AUX	Dim to Off	Input Voltage	Isolated (DI)	Non-Isolated (DN)	No. of CCT (N)	(EX)
NC		√		√			UNV:120-277V / MUV:120-347V	√	√	CCT3 / CCT5	√ /× External Power Selectable
D1	√			√		√ /×					
D1S	√			√	√	√					
D1+D3	√		√			√ /×					
D1S+D3	√		√		√	√					

√ /×Optional Features

ARC DI 10-60W SLW Series

Features
· 0-10V dimming, dim to off
· Adjustable output current by Dip switch
· Surge 2.5KV
· Optional 12V AUX/ Adjustable CCT and power
· High PF
· Suitable for dry , damp Location
· 5 years warranty

Benefits
· Reliable protection
· Optional functions enable flexibility
· Peace of mind with proven reliability

Application
· Puff light
· Panel light
· Strip light
· Vapor tight light



Certificate

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LISTED
LED DRIVER
E510342

Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Current (mA)	Dimming	Efficiency	PF	Size L*W*H inch
ARC-DI-25I600-MUV-D1+D3-SLW3(o)	25	120-347	30-42	350/480/600	0-10V	82%(120Vac)	0.9	11.02*1.18*0.83
ARC-DI-30I700-MUV-D1+D3-SLW3(o)	30	120-347	30-42	420/560/700	0-10V	82%(120Vac)	0.9	11.02*1.18*0.83
ARC-DI-36I850-UNV-D1+D3(EX)-SLW(o)	36	120-277	30-42	650/750/850	0-10V	82%(120Vac)	0.9	11.02*1.18*0.83
ARC-DI-40I880-UNV-D1+D3-R	40	120-277	30-45	460/680/880	0-10V	82%(120Vac)	0.9	11.02*1.18*0.83
ARC-DN-48I1190-UNV-D1S+D3(EX)-SLW	48	120-277	26-40	460/950/1190	0-10V	85%(120Vac)	0.9	11.02*1.18*0.83
ARC-DI-50I1200-UNV-D1+D3(EX)-SLW(o)	50	120-277	30-42	650/1200	0-10V	85%(120Vac)	0.9	11.02*1.18*0.83
ARC-DI-60I1400-MUV-D1+D3-SLW3(o)	60	120-347	30-42	850/1120/1400	0-10V	85%(120Vac)	0.9	11.02*1.18*0.83

Optional Functions

Functions by Model Name	Dimming		Output Current		Functions						
	0-10V	Non-Dimming	DIP	FIX	12V AUX	Dim to Off	Input Voltage	Isolated (DI)	Non-Isolated (DN)	No. of CCT (N)	(EX)
NC		√		√			UNV:120-277V / MUV:120-347V	√	√	CCT3 / CCT5	√ /× External Power Selectable
D1	√			√		√ /×					
D1S	√			√	√	√					
D1+D3	√		√			√ /×					
D1S+D3	√		√		√	√					

√ /×Optional Features

ARC DI 5-20W SSC Series

Features
· 0-10V dimming, dim to off
· Adjustable output current by Dip switch
· Surge 2.5KV
· High efficiency and high PF
· Optional 12V AUX/ Adjustable CCT
· Suitable for dry , damp Location
· 5 years warranty

Benefits
· Reliable protection
· Optional functions enable flexibility
· Peace of mind with proven reliability

Application
· Spot lighting
· Down lighting
· Panel lighting



Certificate

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LISTED
LED DRIVER
E510342

Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Current (mA)	Dimming	Efficiency	PF	Size L*W*H inch
ARC-DI-9I210-UNV-D1+D3-SSC(o)	9	120-277	30-42	110/160/210	0-10V	82%(120Vac)	0.9	6.5*1.18*0.83
ARC-DI-11I250-UNV-D1+D3-SSC(o)	11	120-277	30-42	150/200/250	0-10V	82%(120Vac)	0.9	6.5*1.18*0.83
ARC-DI-12I280-UNV-D1+D3-SSC(o)	12	120-277	30-42	110/220/280	0-10V	82%(120Vac)	0.9	6.5*1.18*0.83
ARC-DI-13I330-UNV-D1+D3-SSC(o)	13	120-277	30-42	200/265/330	0-10V	82%(120Vac)	0.9	6.5*1.18*0.83
ARC-DI-20I500-UNV-D1+D3-SSC(o)	20	120-277	26-40	300/400/500	0-10V	82%(120Vac)	0.9	6.5*1.18*0.83

Optional Functions

Functions by Model Name	Dimming		Output Current		Functions					
	0-10V	Non-Dimming	DIP	FIX	12V AUX	Dim to Off	Input Voltage	Isolated (DI)	Non-Isolated (DN)	No. of CCT (N)
NC		√		√			UNV:120-277V / MUV:120-347V	√	√	CCT3 / CCT5
D1	√			√		√ /×				
D1S	√			√	√	√				
D1+D3	√		√			√ /×				
D1S+D3	√		√		√	√				

√ /×Optional Features

ARC Accessories: Current Distributor

ARC-CCT DIMMER-3



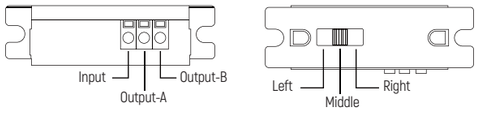
Features

· Compact size for easy installation
· 3-stage ratio adjustment: 100%-0%, 50%-50%, 0%-100%
· Compatible with both constant current and constant voltage drivers
· Size: 2.57*0.75*0.67 inch

Function Diagram

Switch	Output A	Output B
Left	100%	0%
Middle	50%	50%
Right	0%	100%

Wiring



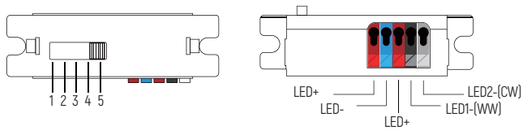
ARC-CCT DIMMER-5



Features

· Compact size for easy installation
· 5-stage ratio adjustment: 100%-0%, 75%-25%, 50%-50%, 25%-75%, 0%-100%
· Compatible with both constant current and constant voltage drivers
· Size: 2.57*0.75*0.87 inch

Switch	LED 1	LED 2
1	0%	100%
2	25%	75%
3	50%	50%
4	75%	25%
5	100%	0%



Industrial
Lighting Driver

ANS Series

Output : Constant Current
Power : 80-320W
Dimming: 0-10V
Feature : 12V AUX
6KV/6KV
Non-isolated

ANS Series

ANS AS driver is non-isolated and designed with 0-10V dimming and 12V auxiliary power supply for high-bay lighting, flood lighting and horticulture lighting.

Portfolio	Input Voltage (VAC)	Output Power (W)	DALI	Tunable White	0-10V	TRIAC&ELV	Program	Dip Switch	Life Time (h)
ANSxxAS-1WMC	120-277	80-320			Yes			Yes (external)	50,000@tc-life
ANSxxAS-1BMC	120-347	80-320			Yes			Yes (external)	50,000@tc-life

ANSxxAS
A: 0-10V Dimming
S: Auxiliary
xx: Max. output power

ANS Series: 0-10V Dimming

Features

- 0-10V and PWM dimming, dim to off
- Adjustable output current by external Dip switch
- High efficiency up to 96.5%
- 12V auxiliary power supply
- Surge 6KV/6KV
- Short circuit, overload, overvoltage and over temperature protection
- IP Rating: IP54
- 5 years warranty

Benefits

- Wide application for indoor and outdoor
- Reliable and robust protection
- Adjustable output current enables flexibility
- Peace of mind with proven reliability

Application

- Industrial lighting
- Flood lighting
- Horticulture lighting



Certificate

Class P IP54 RoHS

Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Current (A)	Efficiency	PF	Size L*W*H inch
ANS80AS-1WMC-OP	80	120-277	180-260	0.20-0.40	94%(120Vac)	0.98	5.43*2.07*1.32
ANS100AS-1WMC-OP	100	120-277	180-260	0.30-0.50	94%(120Vac)	0.98	5.43*2.07*1.32
ANS120AS-1WMC-OP	120	120-277	180-260	0.40-0.60	94%(120Vac)	0.98	5.43*2.07*1.32
ANS150AS-1WMC-OP	150	120-277	180-260	0.50-0.75	94%(120Vac)	0.98	6.3*2.07*1.32
ANS200AS-1WMC-OP	200	120-277	180-260	0.65-1.00	94%(120Vac)	0.98	6.77*2.07*1.32
ANS250AS-1WMC-OP	250	120-277	180-260	0.70-1.20	94%(120Vac)	0.98	7.8*2.07*1.32
ANS320AS-1WMC-OP	320	120-277	180-260	1.00-1.50	94%(120Vac)	0.98	8.86*2.07*1.32
ANS80AS-1BMC-OP	80	120-347	180-260	0.20-0.40	94%(120Vac)	0.98	5.43*2.07*1.32
ANS100AS-1BMC-OP	100	120-347	180-260	0.30-0.50	94%(120Vac)	0.98	5.43*2.07*1.32
ANS120AS-1BMC-OP	120	120-347	180-260	0.40-0.60	94%(120Vac)	0.98	5.43*2.07*1.32
ANS150AS-1BMC-OP	150	120-347	180-260	0.50-0.75	94%(120Vac)	0.98	6.3*2.07*1.32
ANS200AS-1BMC-OP	200	120-347	180-260	0.65-1.00	94%(120Vac)	0.98	6.77*2.07*1.32
ANS250AS-1BMC-OP	250	120-347	180-260	0.70-1.20	94%(120Vac)	0.98	7.8*2.07*1.32
ANS320AS-1BMC-OP	320	120-347	180-260	1.00-1.50	94%(120Vac)	0.98	8.86*2.07*1.32

Outdoor Driver

AWS Series

Output : Constant Current
Power : 50/150/240/320/480/600/800W
Dimming: DALI/0-10V/non-dimming
Feature : IP67
Surge 6KV/10KV

AWS Series

AWS IP67 series are designed for outdoor application such as road light, flood light, sprots light and horticulture light, they have non-dimming, 0-10V and DALI dimming version.

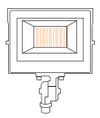

50W

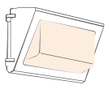

150/480W


600/800W

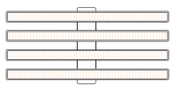
Portfolio	Input Voltage (VAC)	Output Power (W)	DALI	Tunable White	0-10V	TRIAC&ELV	Program	Dip Switch	Life Time (h)
AWSxx-1UMC	100-277	50-800						Yes	50,000@tc-life
AWSxxA-1UMC	100-277	50-800			Yes			Yes	50,000@tc-life
AWSxxD-1UMC	100-277	50-800	Yes					Yes	50,000@tc-life

Application


Floodlights


Wall Packs


Street Lights


Horticulture Lights

AWS Series: non-Dimming

AWSxx
xx: Max. output power

Features
· Adjustable output current
· High efficiency up to 95%
· 12V Auxiliary power supply
· Low ripple less than 3%
· Short circuit, overload, overvoltage and over temperature protection
· IP Rating: IP67
· 5 years warranty

Benefits
· Wide outdoor application
· Reliable and robust protection
· Peace of mind with proven reliability

Application
· Road lighting
· Flood lighting
· Sports lighting
· Horticulture lighting

Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Current (A)	Efficiency	PF	Size L*W*H inch
AWS50-1UMC-1000	50	100-277	22-54	0.5-2.1	89%(120Vac)	0.95	4.13*2.48*1.26
AWS150-1U4200C	150	100-277	27-52	2.8-4.2	91%(120Vac)	0.98	7.87*2.66*1.31
AWS240-1UMC	240	100-277	27-48	5	TBD	TBD	TBD
AWS320-1UMC	320	100-277	27-48	6.6	TBD	TBD	TBD
AWS480-1UMC	480	100-277	27-48	10	94%(120Vac)	0.95	11.37*3.54*1.81
AWS600-1UMC	600	100-277	27-54	5-11.8	94%(230Vac)	0.95	10.66*5.15*1.96
AWS800-1UMC	800	100-277	27-54	14.8	95%(120Vac)	0.95	10.94*5.66*1.96

AWS Series: 0-10V Dimming

AWSxxA
A: 0-10V Dimming
xx: Max. output power

Features
· 0-10V and PWM dimming
· Adjustable output current
· High efficiency up to 95%
· 12V Auxiliary power supply
· Low ripple less than 3%
· Short circuit, overload and overvoltage protection
· IP Rating: IP67
· 5 years warranty

Benefits
· Wide outdoor application
· Reliable and robust protection
· Peace of mind with proven reliability

Application
· Road lighting
· Flood lighting
· Sports lighting
· Horticulture lighting

Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Current (A)	Efficiency	PF	Size L*W*H inch
AWS50A-1UMC-1000	50	100-277	22-54	0.5-2.1	89%(120Vac)	0.95	4.13*2.48*1.26
AWS150A-1U4200C	150	100-277	27-52	2.8-4.2	91%(120Vac)	0.98	7.87*2.66*1.31
AWS240A-1UMC	240	100-277	27-48	5	TBD	TBD	TBD
AWS320A-1UMC	320	100-277	27-48	6.6	TBD	TBD	TBD
AWS480A-1UMC	480	100-277	27-48	10	94%(120Vac)	0.95	11.37*3.54*1.81
AWS600A-1UMC	600	100-277	27-54	5-11.8	92%(120Vac)	0.95	10.66*5.15*1.96
AWS800A-1UMC	800	100-277	27-54	14.8	95%(120Vac)	0.95	10.94*5.66*1.96

AWS Series: DALI Dimming

AWSxxD
D: DALI dimming
xx: Max. output power

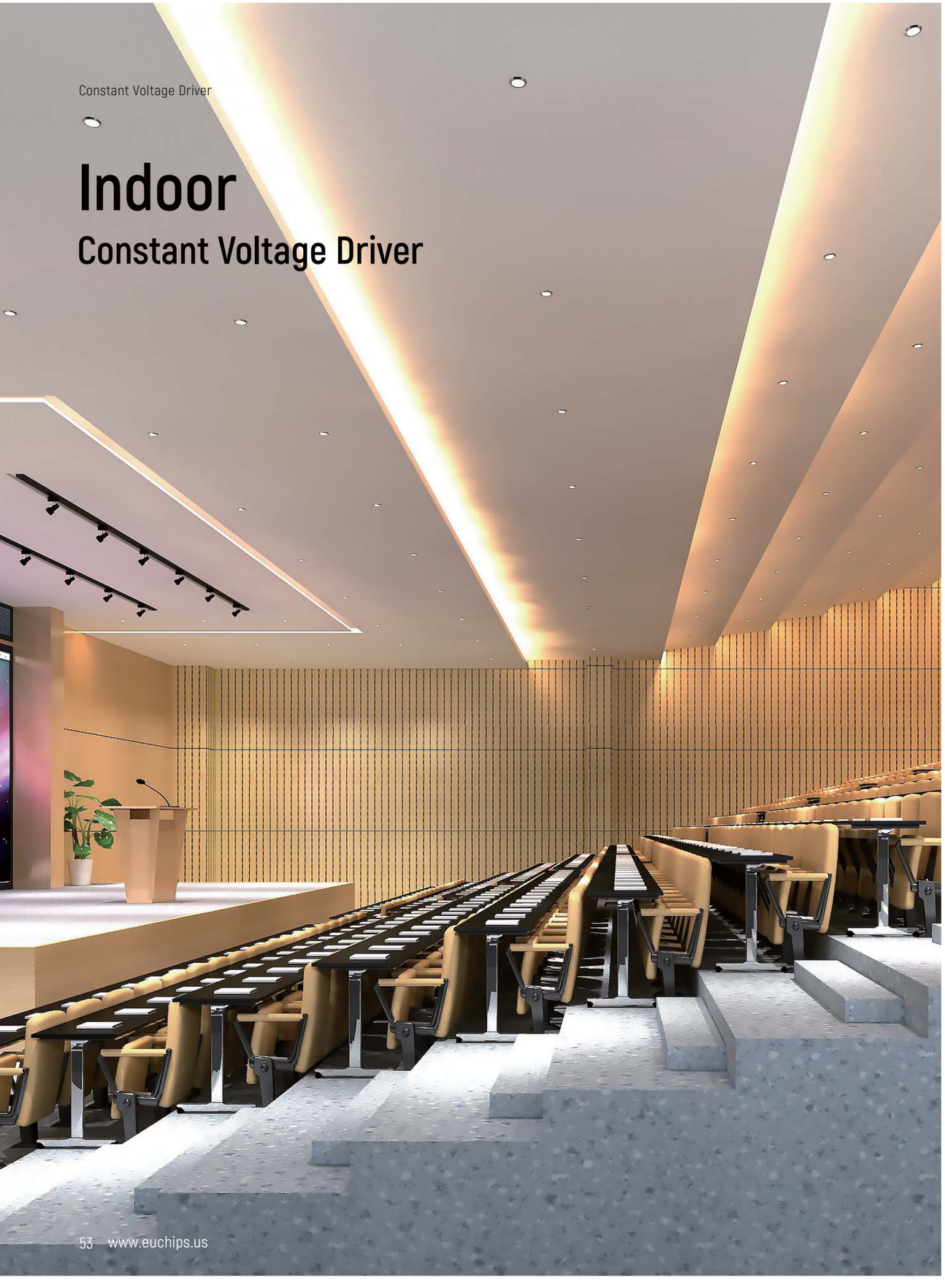
Features
· DALI dimming
· Adjustable output current
· High efficiency up to 95%
· 12V Auxiliary power supply
· Short circuit, overload and overvoltage protection
· IP Rating: IP67
· 5 years warranty

Benefits
· Wide outdoor application
· Reliable and robust protection
· Peace of mind with proven reliability

Application
· Road lighting
· Flood lighting
· Sports lighting
· Horticulture lighting

Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Current (A)	Efficiency	PF	Size L*W*H inch
AWS50D-1UMC-1000	50	100-277	22-54	0.5-2.1	89%(120Vac)	0.95	4.13*2.48*1.26
AWS150D-1U4200C	150	100-277	27-52	2.8-4.2	91%(120Vac)	0.98	7.87*2.66*1.31
AWS240D-1UMC	240	100-277	27-48	5	TBD	TBD	TBD
AWS320D-1UMC	320	100-277	27-48	6.6	TBD	TBD	TBD
AWS480D-1UMC	480	100-277	27-48	10	94%(120Vac)	0.95	11.37*3.54*1.81
AWS800D-1UMC	800	100-277	27-54	14.8	95%(120Vac)	0.95	10.94*5.66*1.96



Indoor

Constant Voltage Driver

01



MUP Indoor Series

Output : 12/24V
Power : 30/60/96W
Dimming: 0-10V/Triac&ELV/Non-dimming
Feature : Junction box
Surge protection

02



EULP Series

Output : 12/24/48V
Power : 40/60/96W
Dimming: Non-dimming
Feature : 12/24/48V output
High power density

03



LCP Series

Output : 12/24V
Power : 75/150W
Dimming: 0-10V/DALI/DMX
Feature : Multi dimming control
Tunable white

04



UCS Series

Output : 12/24/48V
Power : 40/60/96W
Dimming: Non-dimming
Feature : 12/24/56V output
High power density

01

MUP Indoor Series

MUP indoor Series feature both non-dimming and multiple dimmable options including 0-10V and Triac&ELV.
Housed in robust metal enclosures with high-grade surge protection, these drivers are ideal for indoor light boxes, accent lighting, and backlighting applications.
When integrated with control systems, they enable the creation of dimmable lighting scene.

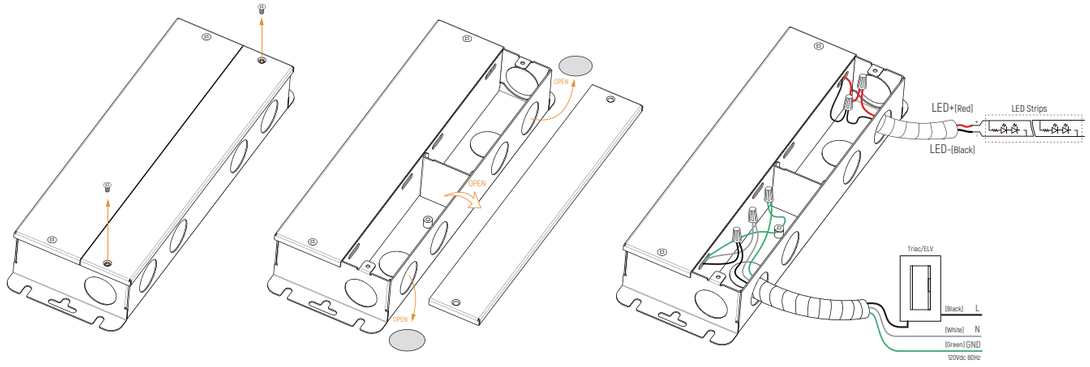




MUP Series

Portfolio	Input Voltage (VAC)	Output Power (W)	12V	24V	DALI	DMX	0-10V	TRIAC&ELV	Life Time (h)
MUPxx-1W	120-277	60/96	Yes	Yes					50,000@tc-life
MUPxxA-1W	120-277	60-96	Yes	Yes			Yes		50,000@tc-life
MUPxxT-1W	120-277	60-96	Yes	Yes				Yes	50,000@tc-life
MUPxxAT-1W	120-277	30-288	Yes	Yes			Yes	Yes	50,000@tc-life

MUP Junction Box version



MUP Indoor Series: non-dimming

MUPxx-1W

xx: Max. output power

Features

- Class 2 output
- Short-circuit, overload, over voltage and over temperature protection
- Surge 6KV/6KV
- 5 years warranty

Benefits

- Reliable and robust protection
- Best value for money
- Peace of mind with proven reliability

Application

- Sign lighting
- Architectural lighting
- Accent lighting



Certificate

Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Channel	Dimming	Surge L-N/L-N-PG	Efficiency	PF	Size L*W*H inch
MUP60-1W12V-T	60	120-277	12	1	N/A	6KV/6KV	88%(120Vac)	0.95	6.06*1.3*1.09
MUP60-1W24V-T	60	120-277	24	1	N/A	6KV/6KV	88%(120Vac)	0.95	6.06*1.3*1.09
MUP96-1W24V-T	96	120-277	24	1	N/A	6KV/6KV	88%(120Vac)	0.95	9.57*1.77*1.19
MUP96(60)-1W24(12)V-MTR	96(60)	120-277	4A(5A)	1	N/A	6KV/6KV	88%(120Vac)	0.95	9.49*1.73*1.19

MUP Indoor Series: 0-10V Dimming

MUPxxA-1W

A: 0-10V Dimming
xx: Max. output power

Features

- 0-10V/PWM/Rx 3-in-1 dimming
- Dimming range 1-100%, smooth and no flicker
- Short-circuit, overload,, over voltage and over temperature protection
- Surge 2.5KV
- 5 years warranty

Benefits

- Reliable and robust protection
- Best value for money
- Peace of mind with proven reliability

Application

- Architectural Lighting
- Sign lighting



Certificate

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Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Dimming	Efficiency	PF	Size L*W*H inch
MUP60A-1W12V	60	120-277	12	0-10V	88%(120Vac)	0.99	9.57*1.77*1.19
MUP60A-1W24V	60	120-277	24	0-10V	88%(120Vac)	0.99	9.57*1.77*1.19
MUP96A-1W12V	96	120-277	12	0-10V	88%(120Vac)	0.99	9.57*1.77*1.19
MUP96A-1W24V	96	120-277	24	0-10V	89%(120Vac)	0.99	9.57*1.77*1.19

MUP Indoor Series: Triac&ELV Dimming

MUPxxT-1W

T: TRIAC&ELV Dimming
xx: Max. output power

Features

- Dimming range 1-100%, dim to off
- High efficiency and high PF
- Short-circuit, overload, over voltage and over temperature protection
- Surge: 2.5KV
- 5 years warranty

Benefits

- Reliable and perfect dimming effect
- Best value for money
- Peace of mind with proven reliability

Application

- Architectural Lighting
- Sign lighting



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Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Dimming	Efficiency	PF	Size L*W*H inch
MUP60T-1W12V	60	120-277	12	TRIAC&ELV	86%(120Vac)	0.99	9.57*1.77*1.19
MUP60T-1W24V	60	120-277	24	TRIAC&ELV	86%(120Vac)	0.99	9.57*1.77*1.19
MUP96T-1W12V	96	120-277	12	TRIAC&ELV	88%(120Vac)	0.99	9.57*1.77*1.19
MUP96T-1W24V	96	120-277	24	TRIAC&ELV	89%(120Vac)	0.99	9.57*1.77*1.19

MUP Indoor Series: 0-10V and Triac&ELV Dimming

MUPxxAT-1W

AT: 0-10V and Triac&ELV Dimming
xx: Max. output power

Features

· Support 0-10V and Triac&ELV dimming
· Dimming range 0.1-100% for 0-10V; 1-100% for Triac&ELV
· High efficiency and high PF
· Short-circuit, overload and over current protection
· 5 years warranty

Benefits

· Reliable and perfect dimming effect
· Multi output constant voltage and dimming mode enables flexibility
· Peace of mind with proven reliability

Application

· Architectural Lighting
· Sign lighting



-B (Junction Box)



Certificate

Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Dimming	Surge L-N/L-N-PG	Efficiency	PF	Size L*W*H inch
MUP30AT-1W12V-B	30	120-277	12	0-10V and Triac&ELV	2.5KV/2.5KV	74%(120Vac)	0.95	5.91*3.86*1.54
MUP30AT-1W24V-B	30	120-277	24	0-10V and Triac&ELV	2.5KV/2.5KV	76%(120Vac)	0.98	5.91*3.86*1.54
MUP60AT-1W24V	60	120-277	12	0-10V and Triac&ELV	2.5KV/2.5KV	85%(120Vac)	0.98	9.57*1.77*1.19
MUP96AT-1W24V	96	120-277	24	0-10V and Triac&ELV	2.5KV/2.5KV	88%(120Vac)	0.95	9.57*1.77*1.19

02

EULP Series

EULP Constant Voltage Series are designed for indoor slim light box, accent lighting and display lighting applications. With a compact and slim size, and multi-DC output 12/24/48V, they are suitable for the most space-constrained installations, delivering ultimate convenience for your lighting projects.



Portfolio	Input Voltage (VAC)	Output Power (W)	12V	24V	36V	48V	DALI	0-10V	Life Time (h)
EULPxxA-1W-PA	120-277	96		Yes				Yes	50,000@tc-life
EULPxx-1W	120-277	40/60/96	Yes	Yes	Yes	Yes			50,000@tc-life

EULP Series: 0-10V Dimming

EULPxxA

A: 0-10V dimming
xx: Max. output power

Features

· Single-channel constant voltage output
· Supports switching between PWM and AM dimming(VR)
· Dimming range 0.1-100%
· NFC programming enables configuration of output Voltage for an optimized dimming range, 0-10V dimming curve, dimming mode, dimming depth, and dim-to-off function
· UL Class P, Class 2 output
· Complies with UL 8750 & UL 1310 safety standard
· Overload, overcurrent, short circuit protection
· 5 years warranty

Benefits

· Reliable and perfect dimming effect
· Healthy, smooth, and high-performance lighting experience
· Peace of mind with proven reliability

Application

· Architectural Lighting
· Sign lighting



Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Dimming	Surge L-N/L-N-PG	Efficiency	PF	Size L*W*H inch
EULP96A-1W24VN-PA	96	120-277	24	0-10V	2.5KV/2.5KV	90%(120Vac)	0.95	6.92*1.57*0.98

EULP Series: non-Dimming

EULPxx
xx: Max. output power

Features

- Multi output constant voltage: 12/24/36/48V
- Compact size with higher power density
- High efficiency and high PF
- Short-circuit, overload, over current and over temperature protection
- 5 years warranty

Benefits

- Multi output voltage enables flexibility
- Compact size easy for application
- Best value for money
- Peace of mind with proven reliability

Application

- Architectural Lighting
- Sign lighting

Certificate

Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Dimming	Surge L-N/L-N-PG	Efficiency	PF	Size L*W*H inch
EULP40-1W12V-S	40	120-277	12	N/A	2KV/2KV	88%(120Vac)	0.95	5.66*0.80*0.78
EULP40-1W24V-S	40	120-277	24	N/A	2KV/2KV	88%(120Vac)	0.95	5.66*0.80*0.78
EULP40-1W36V-S	40	120-277	36	N/A	2KV/2KV	88%(120Vac)	0.95	5.66*0.80*0.78
EULP40-1W48V-S	40	120-277	48	N/A	2KV/2KV	88%(120Vac)	0.95	5.66*0.80*0.78
EULP60-1W12V-S	60	120-277	12	N/A	2KV/2KV	89%(120Vac)	0.95	5.66*0.80*0.78
EULP60-1W24V-S	60	120-277	24	N/A	2KV/2KV	89%(120Vac)	0.95	5.66*0.80*0.78
EULP60-1W36V-S	60	120-277	36	N/A	2KV/2KV	89%(120Vac)	0.95	5.66*0.80*0.78
EULP60-1W48V-S	60	120-277	48	N/A	2KV/2KV	89%(120Vac)	0.95	5.66*0.80*0.78
EULP96-1W12V-S	96	120-277	12	N/A	2KV/2KV	88%(120Vac)	0.95	5.94*1.14*0.85
EULP96-1W24V-S	96	120-277	24	N/A	2KV/2KV	90%(120Vac)	0.95	5.94*1.14*0.85
EULP96-1W36V-S	96	120-277	36	N/A	2KV/2KV	90%(120Vac)	0.95	5.94*1.14*0.85
EULP96-1W48V-S	96	120-277	48	N/A	2KV/2KV	90%(120Vac)	0.95	5.94*1.14*0.85
EULP60-1W12V-T	60	120-277	12	N/A	4KV/4KV	88%(120Vac)	0.95	7.17*1.08*0.81
EULP96-1W24V-T	96	120-277	24	N/A	4KV/4KV	91%(120Vac)	0.95	7.17*1.08*0.81

LCP Series

LCP Series feature 2-channel and 4-channel output with 0-10V and DALI dimming. They are designed for indoor ambient lighting, it enables the creation of vibrant, dynamic scenes with smooth RGB color and color temperature transitions.



Portfolio	Input Voltage (VAC)	Output Power (W)	12V	24V	Tunable White	DALI	0-10V	DMX	Life Time (h)
LCPxxA-2W	120-277	75/150		Yes	Yes		Yes		50,000@tc-life
LCPxxD-2/4W	120-277	75/150	Yes	Yes	Yes	Yes			50,000@tc-life
LCPxxM-2W	120-277	75/150		Yes	Yes			Yes	50,000@tc-life

LCP Series: 0-10V dimming

LCPxx
A: 0-10V Dimming
xx: Max. output power

Features

- 0-10V dimming, dim to off
- Dimming range 0.1-100%, smooth and no flicker
- 2 channel output
- High efficiency and high PF
- Surge 2KV
- Short-circuit protection, overload protection
- 5 years warranty

Benefits

- Reliable and perfect dimming effect
- Reliable and robust protection
- Peace of mind with proven reliability

Application

- Architectural Lighting
- Sign lighting





Tunable White

Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Channel	Dimming	Surge L-N	Efficiency	PF	Size L*W*H inch
LCP75A-2W24V	75	120-277	24	2	0-10V	2KV	92%(230Vac)	0.98	11.61*1.57*1.26
LCP150A-2W24V	150	120-277	24	2	0-10V	2KV	92%(230Vac)	0.98	14.17*1.57*1.26

LCP Series: DALI dimming

LCPxxD

D: DALI Dimming
xx: Max. output power

Features

· DALI dimming
· Dimming range 0.1-100%, smooth and no flicker
· 2 channel and 4 channel output
· High efficiency and high PF
· Short-circuit and overload protection
· 5 years warranty

Benefits

· Reliable and perfect dimming effect
· Reliable and robust protection
· Peace of mind with proven reliability

Application

· Architectural Lighting
· Sign lighting



Tunable White

Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Channel	Dimming	Surge L-N	Efficiency	PF	Size L*W*H inch	
LCP75D-2W12V	75	120-277	12	2	DALI	2KV	90%(230Vac)	0.95	11.61*1.57*1.26	DALI
LCP75D-2W24V	75	120-277	24	2	DALI	2KV	92%(230Vac)	0.95	11.61*1.57*1.26	DALI
LCP75D-4W12V	75	120-277	12	4	DALI	2KV	90%(230Vac)	0.98	11.61*1.57*1.26	
LCP75D-4W24V	75	120-277	24	4	DALI	2KV	92%(230Vac)	0.98	11.61*1.57*1.26	
LCP150D-2W12V	150	120-277	12	2	DALI	2KV	92%(230Vac)	0.98	14.17*1.57*1.26	DALI
LCP150D-2W24V	150	120-277	24	2	DALI	2KV	92%(230Vac)	0.98	14.17*1.57*1.26	DALI
LCP150D-4W12V	150	120-277	12	4	DALI	2KV	90%(230Vac)	0.98	14.17*1.57*1.26	
LCP150D-4W24V	150	120-277	24	4	DALI	2KV	92%(230Vac)	0.98	14.17*1.57*1.26	

LCP Series: DMX dimming

LCPxxM

M: DMX dimming
xx: Max. output power

Features

· DMX dimming
· 2 channel output
· High efficiency and high PF
· Short-circuit protection, overload protection
· 5 years warranty

Benefits

· Perfect compatible with DMX system
· Reliable and robust protection
· Peace of mind with proven reliability

Application

· Architectural Lighting
· Sign lighting



Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Channel	Dimming	Surge L-N	Efficiency	PF	Size L*W*H inch
LCP75M-2W24V	75	120-277	24	2	DMX	2KV	92%	0.98	11.61*1.57*1.26
LCP150M-2W24V	150	120-277	24	2	DMX	2KV	90%	0.98	14.17*1.57*1.26

UCS Series

04

UCS constant voltage drivers are designed for indoor application such as Architectural lighting and sign lighting, its slim size and dual-output mode (constant voltage and constant current) enable the flexibility of both application and installation.

Portfolio	Input Voltage (VAC)	Output Power (W)	12V	24V	56V	DALI	0-10V	TRIAC&ELV	Life Time (h)
UCSxx-1W	110-277	50/80/144/150	Yes	Yes	Yes				50,000@tc-life

UCS Series: non-Dimming

UCSxx

xx: Max. output power

Features

- Output Voltage:12/24V
- Dual-output mode (CV+CC) available
- Slim size, the thinnest height is 0.67inch (17mm)
- Short-circuit, overload, over-voltage, overtemperature protection
- High efficiency and high PF
- Suitable for dry and damp locations
- 5-year warranty

Benefits

- Slim size and dual-output mode enable flexibility
- Reliable protection
- Peace of mind with proven reliability

Application

- Architectural Lighting
- Sign lighting



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Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Current (A)	Dimming	Efficiency	PF	Size L*W*H inch
UCS50-1W12V	50	110-277	12	4.2	N/A	88.0%	0.95	9.84*1.18*0.67
UCS50-1W24V	50	110-277	24	2.1	N/A	88.0%	0.95	9.84*1.18*0.67
UCS50-1W56V	50	110-277	24-56	0.4-1.4	N/A	90.0%	0.95	9.84*1.18*0.67
UCS80-1W12V	80	110-277	12	6.6	N/A	91.0%	0.95	12.28*1.18*0.71
UCS80-1W24V	80	110-277	24	3.3	N/A	92.0%	0.95	12.28*1.18*0.71
UCS80-1W56V	80	110-277	24-56	0.7-2.1	N/A	92.0%	0.95	12.28*1.18*0.71
UCS150-1W12V	150	110-277	12	12.0	N/A	93.0%	0.95	13.00*1.18*0.87
UCS150-1W24V	150	110-277	24	6.3	N/A	93.0%	0.98	13.00*1.18*0.87
UCS150-1W56V	150	110-277	30-56	1.40-4.17	N/A	93.0%	0.95	13.00*1.18*0.87

Outdoor

Constant Voltage Driver

01



MUP Outdoor Series

Output : 12/24/48V
Power : 30-288W
Dimming: 0-10V/TRIAC&ELV/D4i/DALI/DMX
Non-dimming
Feature : IP65
Metal junction box

02



OWP Series

Output : 12/24/48V
Power : 40-320W
Dimming: 0-10V/DALI
Feature : IP67
Surge 6KV/10KV

03



UWP Series

Output : 24V
Power : 60/96W
Dimming: 0-10V and Triac&ELV
Feature : IP65



UWF Series

Output : 12/24V
Power : 60/96W
Dimming: Non-dimming
Feature : IP67

05



PES Series

Output : 12/24/48V
Power : 20-150W
Dimming: Non-dimming
Feature : High PF
IP65

06



PEE Series

Output : 12/24/48V
Power : 20-150W
Dimming: Non-dimming
Feature : Low PF
IP65

MUP Series

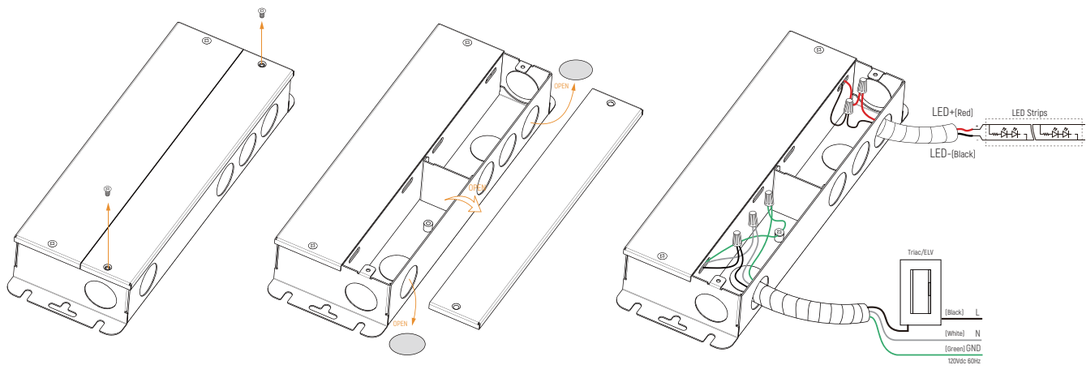
01

MUP outdoor Series feature both non-dimming and multiple dimmable options including D4i, DMX and 0-10V&Triac&ELV.
Housed in robust full metal enclosures with IP65 rated waterproof and high-grade surge protection. They are suitable for dry , damp & det Locations, and ideal for outdoor accent lighting and landscape lighting applications. When integrated with control systems, they enable the creation of dimmable lighting scene.



Portfolio	Input Voltage (VAC)	Output Power (W)	12V	24V	48V	DALI	DMX	0-10V	TRIAC&ELV	Life Time (h)
MUPxx-1W -BW	120-277	96/180	Yes	Yes						50,000@tc-life
MUPxxD4 -BW	120-277	96	Yes	Yes		Yes				50,000@tc-life
MUPxxM -BW	120-277	96		Yes			Yes			50,000@tc-life
MUPxxAT -BW	120-277	30-288	Yes	Yes	Yes			Yes	Yes	50,000@tc-life
MUPxxAD(S) -BW	120-277	96/1292/288	Yes	Yes	Yes	Yes		Yes		50,000@tc-life

MUP Junction Box version



MUP Outdoor Series: non-Dimming

MUPxx-BW

xx: Max. output power
BW: waterproof junction box

Features

- Waterproof Connector Supported
- Short-circuit, overload, over voltage and over temperature protection
- Class 2 Output
- Safety according to UL8750 &UL 1310
- Surge 6KV/6KV
- IP Rating: IP65
- 5 years warranty

Benefits

- Reliable and robust protection
- Best value for money
- Peace of mind with proven reliability

Application

- Architectural Lighting
- Sign lighting



Certificate

Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Channel	Dimming	Efficiency	PF	Size L*W*H inch
MUP96-1W24V-T-BW	96	120-277	24	1	N/A	88%(120Vac)	0.95	9.61*4.17*1.63
MUP180-3W12V-T-BW	60×3	120-277	12	3	N/A	88%(120Vac)	0.98	10.24*5.2*2.05
MUP288-3W48V-B	96×3	120-277	48	3	N/A	90%(120Vac)	0.95	10.24*5.2*2.05

MUP Outdoor Series: 0-10V and Triac&ELV Dimming

MUPxxAT -BW

AT: 0-10V/TRIAC&ELV Dimming
xx: Max. output power
BW: waterproof junction box

Features

- 0-10V and Triac&ELV dimming, TRIAC and ELV dimming at 120 Vac only
- Supports switching between PWM and AM dimming(VR) (model:-PA)
- Dimming range 0.1-100% for 0-10V, 1-100% for Triac&ELV
- Multi channel output
- Class 2 Output
- Safety according to UL8750 &UL1310
- Short-circuit, overload and over current protection
- IP Rating: IP65
- 5 years warranty

Benefits

- Reliable and perfect dimming effect
- Multi output constant voltage and dimming mode enables flexibility
- Peace of mind with proven reliability

Application

- Architectural Lighting
- Sign lighting



Certificate

Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Channel	Dimming	Surge L-N/L-N-PG	Efficiency	PF	Size L*W*H inch
MUP30AT-1W12V-BW	30	120-277	12	1	0-10V/TRIAC&ELV	2.5KV/2.5KV	74%(120Vac)	0.95	5.91*4.17*1.63
MUP30AT-1W24V-BW	30	120-277	24	1	0-10V/TRIAC&ELV	2.5KV/2.5KV	76%(120Vac)	0.98	5.91*4.17*1.63
MUP60AT-1W12V-BW	60	120-277	12	1	0-10V/TRIAC&ELV	2.5KV/2.5KV	84%(120Vac)	0.98	9.61*4.17*1.63
MUP60AT-1W24V-BW	60	120-277	24	1	0-10V/TRIAC&ELV	2.5KV/2.5KV	85%(120Vac)	0.95	9.61*4.17*1.63
MUP96AT-1W24V-BW	96	120-277	24	1	0-10V/TRIAC&ELV	2.5KV/2.5KV	86%(120Vac)	0.95	9.61*4.17*1.63
MUP96AT-1W24V-PA-BW	96	120-277	24	1	0-10V/TRIAC&ELV	2.5KV/2.5KV	86%(120Vac)	0.95	9.61*4.17*1.63
MUP96(60)AT-1W24(12)V-PA-MTR-BW	96(60)	120-277	24(12)	1	0-10V/TRIAC&ELV	2.5KV/2.5KV	88%(120Vac)	0.95	9.61*4.17*1.63
MUP120AT-2W12V-BW	60×2	120-277	12	2	0-10V/TRIAC&ELV	4KV/6KV	86%(120Vac)	0.98	9.61*4.17*1.63
MUP120AT-2W24V-BW	60×2	120-277	24	2	0-10V/TRIAC&ELV	4KV/6KV	88%(120Vac)	0.95	9.61*4.17*1.63
MUP120AT-2W48V-BW	60×2	120-277	48	2	0-10V/TRIAC&ELV	4KV/6KV	88%(120Vac)	0.95	9.61*4.17*1.63
MUP150AT-1W24V-BW	150	120-277	24	1	0-10V/TRIAC&ELV	2.5KV/2.5KV	89%(120Vac)	0.95	10.24*5.2*2.05
MUP180AT-3W12V-BW	60×3	120-277	12	3	0-10V/TRIAC&ELV	2KV/4KV	88%(120Vac)	0.95	10.24*5.2*2.05
MUP180AT-3W24V-BW	60×3	120-277	24	3	0-10V/TRIAC&ELV	2KV/4KV	90%(120Vac)	0.95	10.24*5.2*2.05
MUP180AT-3W48V-BW	60×3	120-277	48	3	0-10V/TRIAC&ELV	2KV/4KV	90%(120Vac)	0.95	10.24*5.2*2.05
MUP192AT-2W24V-BW	96×2	120-277	24	2	0-10V/TRIAC&ELV	2KV/4KV	90%(120Vac)	0.95	10.24*5.2*2.05
MUP288AT-3W24V-BW	96×3	120-277	24	3	0-10V/TRIAC&ELV	2.5KV/2.5KV	90%(120Vac)	0.95	10.24*5.2*2.05

MUP Outdoor Series: 0-10V and DALI Dimming

MUPxxAD-BW

AD: 0-10V&DALI Dimming
S: Auxiliary
xx: Max. output power
BW: waterproof junction box

Features

- Integrated 0-10V and DALI dimming, dim to off
- Dimming range 0.1-100%, smooth and no flicker
- 12V DC auxiliary power supply (ADS model)
- High efficiency and high PF
- Short-circuit, overload and over current protection
- Class 2 Output
- Safety according to UL8750 &UL 1310
- IP Rating: IP65
- 5 years warranty

Benefits

- Reliable and perfect dimming effect
- Multi dimming mode enables flexibility
- Peace of mind with proven reliability

Application

- Architectural Lighting
- Sign lighting



Certificate

Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Channel	Dimming	Surge L-N/L-N-PG	Efficiency	PF	Size L*W*H inch
MUP96AD-1W24V-BW	96	120-277	24	1	0-10V&DALI	2KV/4KV	88%(120Vac)	0.98	9.61*4.17*1.63
MUP192ADS-2W24V-BW	96×2	120-277	24	2	0-10V&DALI	2KV/4KV	91%(120Vac)	0.95	10.24*5.20*2.05
MUP288ADS-3W24V-BW	96×3	120-277	24	3	0-10V&DALI	2KV/4KV	91%(120Vac)	0.95	10.24*5.20*2.05

MUP Outdoor Series: D4i Dimming

MUPxxD4-BW

D4: D4i dimming
xx: Max. output power
BW: waterproof junction box

Features

· Comply with D4i standard, support D4i, DALI-2 dimming
· 2-channel output support DT8 to adjust color temperature from 2700K to 6500K
· Dimming range 0.1-100%, smooth and no flicker
· Safety according to UL8750 &UL1310
· NFC programming
· Short-circuit, overload and over current protection
· External NTC Thermal Port
· IP Rating: IP65
· 5 years warranty

Benefits

· Reliable and robust protection
· NFC Programable configuration enables flexibility
· D4i wireless connection reduced the wiring complexity and cost
· Peace of mind with proven reliability

Application

· Architectural Lighting
· Sign lighting



Certificate

Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Channel	Dimming	Surge L-N/L-N-PG	Efficiency	PF	Size L*W*H inch
MUP96D4-1W24VN-BW	96	120-277	24	1	D4i/DALI	2.5KV/2.5KV	89%(120Vac)	0.98	9.61*4.17*1.63
MUP96D4-2W24VN-BW	96	120-277	24	2	D4i/DALI	2.5KV/2.5KV	89%(120Vac)	0.98	9.61*4.17*1.63

MUP Outdoor Series: DMX Dimming

MUPxxM-BW

M: DMX dimming
xx: Max. output power
BW: waterproof junction box

Features

· DMX 512 support CCT, RGB, RGBW dimming
· 4-channel output
· Dimming range 0.1-100%, smooth and no flicker
· NFC programming
· Safety according to UL8750 &UL1310
· Short-circuit, overload and over voltage protection
· Surge 6KV/6KV
· IP Rating: IP65
· 5 years warranty

Benefits

· Reliable and robust protection
· NFC Programable configuration enables flexibility
· Perfect DMX dimming effect
· Peace of mind with proven reliability

Application

· Architectural Lighting
· Sign lighting



Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Channel	Dimming	Surge L-N/L-N-PG	Efficiency	PF	Size L*W*H inch
MUP96M-4W24VN-BW	96	120-277	24	4	DMX	6KV/6KV	88%(120Vac)	0.95	9.61*4.17*1.63

OWP Series

02

OWP Series are built with metal housing, IP67 rated waterproof and surge protection up to 6KV/10KV design, which deliver robust and reliable performance for outdoor light boxes, accent lighting and landscape lighting applications. Featuring non-dimming, 0-10V and DALI dimming, they enable diverse lighting control scenarios.

OWP Series

Portfolio	Input Voltage (VAC)	Output Power (W)	12V	24V	48V	DALI	0-10V	TRIAC&ELV	Life Time (h)
OWPxx	120-277	60/96/180/288	Yes	Yes					50,000@tc-life
OWPxxA	120-277	75/150/320		Yes			Yes		50,000@tc-life
OWPxxD	120-277	75/150/320	Yes	Yes	Yes	Yes			50,000@tc-life

OWP Series: non-Dimming

OWPxx

xx: Max. output power

Features

- Short-circuit, overload, over-voltage, overtemperature protection
- High efficiency and high PF
- IP Rating: IP67
- 5 years warranty

Benefits

- Reliable and robust protection
- Best value for money
- Peace of mind with proven reliability

Application

- Architectural Lighting
- Sign lighting
- Landscape lighting



Certificate

Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Channel	Dimming	Surge L-N/L-N-PG	Efficiency	PF	Size L*W*H inch
OWP40-1W12V-T	40	120-277	12	1	N/A	6KV/6KV	80%(120Vac)	0.95	6.1*1.61*1.18
OWP40-1W24V-T	40	120-277	24	1	N/A	6KV/6KV	80%(120Vac)	0.95	6.1*1.61*1.18
OWP60-1W12V-T	60	120-277	12	1	N/A	6KV/6KV	88%(120Vac)	0.95	7.13*1.61*1.18
OWP60-1W24V-T	60	120-277	24	1	N/A	6KV/6KV	88%(120Vac)	0.95	7.13*1.61*1.18
OWP96-1W24V-T	96	120-277	24	1	N/A	6KV/6KV	88%(120Vac)	0.95	10.27*1.97*1.38
OWP120-2W12V-T	60×2	120-277	12	2	N/A	6KV/6KV	88%(120Vac)	0.95	6.5*2.68*1.38
OWP120-2W24V-T	60×2	120-277	24	2	N/A	6KV/6KV	88%(120Vac)	0.95	6.5*2.68*1.38
OWP192-2W24V-T	96×2	120-277	24	2	N/A	6KV/6KV	88%(120Vac)	0.95	9.88*2.66*1.38
OWP180-3W12V-T	60×3	120-277	12	3	N/A	6KV/6KV	89%(120Vac)	0.98	9.88*2.66*1.38
OWP288-3W24V-T	96×3	120-277	24	3	N/A	6KV/6KV	90%(120Vac)	0.95	11.06*2.66*1.38

OWP Series: 0-10V Dimming

OWPxxA

A: 0-10V Dimming
xx: Max. output power

Features

· 0-10V/PWM/Rx 3-in-1 dimming
· Dimming range 0.1% -100%, smooth and no flicker
· Short-circuit, overload and over-voltage protection
· High efficiency and high PF
· IP Rating: IP67
· 5 years warranty

Benefits

· Reliable and perfect dimming effect
· Reliable and robust protection
· Peace of mind with proven reliability

Application

· Architectural Lighting
· Landscape lighting



Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Dimming	Surge L-N/L-N-PG	Efficiency	PF	Size L*W*H inch
OWP40A-1W24V	40	120-277	24	0-10V	6KV/10KV	85%(120Vac)	0.95	3.27*2.51*1.3
OWP75A-1W12V	75	120-277	12	0-10V	6KV/10KV	87%(120Vac)	0.95	7.36*2.51*1.3
OWP75A-1W24V	75	120-277	24	0-10V	6KV/10KV	87%(120Vac)	0.95	7.36*2.51*1.3
OWP150A-1W24V	150	120-277	24	0-10V	6KV/10KV	88%(120Vac)	0.95	8.27*2.51*1.3
OWP240A-1W24V	240	120-277	24	0-10V	6KV/10KV	90%(120Vac)	0.95	10.63*2.52*1.3
OWP320A-1W24V	320	120-277	24	0-10V	6KV/10KV	90%(120Vac)	0.95	10.63*2.52*1.3
OWP480A-1W24V	480	120-277	24	0-10V	6KV/10KV	90%(120Vac)	0.95	11.38*3.54*1.85
OWP600A-1W24V	600	120-277	24	0-10V	6KV/10KV	92%(120Vac)	0.95	10.67*5.16*1.97

OWP Series: DALI Dimming

OWPxxD

D: DALI Dimming
xx: Max. output power

Features

· DALI dimming, support Touch DIM
· Dimming range 0.1-100%, smooth and no flicker
· High efficiency and high PF
· High surge protection 6KV/10KV
· Short-circuit protection, overload protection, over-voltage protection
· IP Rating: IP67
· 5 years warranty

Benefits

· Reliable and perfect dimming effect
· Reliable and robust protection
· Peace of mind with proven reliability

Application

· Architectural Lighting
· Sign lighting
· Landscape lighting



Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Channel	Dimming	Surge L-N/L-N-PG	Efficiency	PF	Size L*W*H inch
OWP40D-1W24V	40	120-277	24	1	DALI	6KV/10KV	85%(120Vac)	0.95	3.27*2.51*1.3
OWP75D-1W12V	75	120-277	12	1	DALI	6KV/10KV	88%(120Vac)	0.95	7.36*2.51*1.29
OWP75D-1W24V	75	120-277	24	1	DALI	6KV/10KV	90%(120Vac)	0.95	7.36*2.51*1.29
OWP75D-1W48V	75	120-277	48	1	DALI	6KV/10KV	90%(120Vac)	0.95	7.36*2.51*1.29
OWP150D-1W12V	150	120-277	12	1	DALI	6KV/10KV	89%(120Vac)	0.95	8.27*2.51*1.29
OWP150D-1W24V	150	120-277	24	1	DALI	6KV/10KV	91%(120Vac)	0.98	8.27*2.51*1.29
OWP150D-1W36V	150	120-277	36	1	DALI	6KV/10KV	91%(120Vac)	0.95	8.27*2.51*1.29
OWP150D-2W24V Tunable White(DTW)	150	120-277	24	2	DALI	6KV/10KV	88%(120Vac)	0.95	8.27*2.51*1.29
OWP150D-1W48V	150	120-277	48	1	DALI	6KV/10KV	91%(120Vac)	0.95	8.27*2.51*1.29
OWP240D-1W24V	240	120-277	24	1	DALI	6KV/10KV	90%(120Vac)	0.95	10.63*2.52*1.3
OWP320D-1W24V	320	120-277	24	1	DALI	6KV/10KV	93%(120Vac)	0.95	11.02*2.48*1.30
OWP320D-1W48V	320	120-277	48	1	DALI	6KV/10KV	93%(120Vac)	0.95	11.02*2.48*1.30
OWP320D-2W24V Tunable White(DTW)	320	120-277	24	2	DALI	6KV/10KV	89%(120Vac)	0.95	11.02*2.48*1.30
OWP480D-1W24V	480	120-277	24	1	DALI	6KV/10KV	91%(120Vac)	0.95	11.38*3.54*1.85
OWP600D-1H24V	600	120-277	24	1	DALI	6KV/10KV	92%(120Vac)	0.95	10.67*5.16*1.97

UWP Series

03

UWP Series are built with metal housing and IP65 rated waterproof, which deliver reliable performance for outdoor Architectural lighting and landscape lighting applications. Featuring 0-10V and Triac&ELV 2-in-1 dimming, they enable flexible dimming scenarios.

UWP Series

Portfolio	Input Voltage (VAC)	Output Power (W)	12V	24V	48V	DALI	0-10V	TRIAC&ELV	Life Time (h)
UWPxxAT-1W	120-277	60/96		Yes			Yes	Yes	50,000@tc-life

UWP Series: 0-10V and Triac&ELV Dimming

UWPxxAT-1W

AT: 0-10V and Triac&ELV dimming
xx: Max. output power

Features

· Support 0-10V, Triac&ELV and PWM dimming
· Triac&ELV dimming at 120 Vac only
· Dimming range of 0.1-100% for 0-10V, 1-100% for Triac&ELV, smooth and no flicker
· Short-circuit, overload and over current protection
· High efficiency and high PF
· Safety according to UL8750 &UL 1310
· IP Rating: IP65
· Suitable for dry, damp and wet locations
· 5 years warranty

Benefits

· Reliable protection
· Perfect dimming effect
· Peace of mind with proven reliability

Application

· Architectural Lighting
· Landscape lighting



Certificate

c UL us
E490914

Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Dimming	Surge L-N/L-N-PG	Efficiency	PF	Size L*W*H inch
UWP60AT-1W24V	60	120-277	24	0-10V&Triac&ELV	2.5KV/2.5KV	85%(120Vac)	0.95	14.85*2.16*1.37
UWP96AT-1W24V	96	120-277	24	0-10V&Triac&ELV	2.5KV/2.5KV	96%(120Vac)	0.98	14.85*2.16*1.37

UWF Series

04

UWF Series are built with metal housing and IP67 rated waterproof design, which deliver robust and reliable performance for outdoor lightboxes and landscape lighting applications. Featuring wide input voltage by 120-277V and 120-347V, and complaint CE/UL certification, they are suitable for worldwide application.

OWP Series

Portfolio	Input Voltage (VAC)	Output Power (W)	12V	24V	48V	DALI	0-10V	TRIAC&ELV	Life Time (h)
UWFxx	120-277/347	60/96	Yes	Yes					50,000@tc-life

UWF Series: non-Dimming

UWFxx

xx: Max. output power

Features

· Wide input voltage to full power output
· High efficiency and high PF
· Short-circuit protection, overload protection, over-voltage protection
· Comply with CE/UL/SELV
· IP Rating: IP67
· 5 years warranty

Benefits

· Worldwide application
· Best value for money
· Peace of mind with proven reliability

Application

· Architectural Lighting
· Sign lighting
· Landscape lighting



Certificate

c UL us
E490914

c UL us
E517234

Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Dimming	Surge L-N/L-N-PG	Efficiency	PF	Size L*W*H inch
UWF60-1W12V	60	120-277	12	N/A	2KV	87%(120Vac)	0.95	5.71*1.61*0.89
UWF60-1W24V	60	120-277	24	N/A	2KV	88%(120Vac)	0.95	5.71*1.61*0.89
UWF96-1W12V	96	120-277	12	N/A	2KV	86%(120Vac)	0.95	8.66*2.40*0.98
UWF96-1W24V	96	120-277	24	N/A	2KV	86%(120Vac)	0.95	7.09*1.97*1.06
UWF60-1B12V	60	120-347	12	N/A	2KV	87%(120Vac)	0.95	5.71*1.61*0.89
UWF60-1B24V	60	120-347	24	N/A	2KV	88%(120Vac)	0.95	5.71*1.61*0.89
UWF96-1B12V	96	120-347	12	N/A	2KV	86%(120Vac)	0.95	8.66*2.40*0.98
UWF96-1B24V	96	120-347	24	N/A	2KV	86%(120Vac)	0.95	7.09*1.97*1.06

PES Series

PES Series are designed as insulated PC enclosures, offering waterproof and multiple constant voltage output options of 12V, 24V, and 48V.
They are the upgraded models of PEE Series, featuring high efficiency and high PF, ideal for high quality outdoor channel letters and light boxes applications.

Portfolio	Input Voltage (VAC)	Output Power (W)	12V	24V	48V	DALI	0-10V	TRIAC&ELV	Life Time (h)
PESxx	120-277	20-150	Yes	Yes	Yes				50,000@tc-life

PES Series: non-Dimming

PESxx
xx: Max. output power

Features
· Multi output voltage 12/24/48V
· High PF up to 0.98 by built-in active PFC
· Short-circuit, overload and over-voltage protection
· IP Rating: IP65
· 5 years warranty

Benefits
· Wide application
· Best value for money
· Peace of mind with proven reliability

Application
· Architectural Lighting
· Sign lighting



Certificate

c UL us
E490914

Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Dimming	Surge L-N	Efficiency	PF	Size L*W*H inch
PES20-1W12V	20	120-277	12	N/A	2KV	82%(120Vac)	0.98	4.64*1.38*1.02
PES20-1W24V	20	120-277	24	N/A	2KV	82%(120Vac)	0.98	4.64*1.38*1.02
PES35-1W12V	35	120-277	12	N/A	2KV	82%(120Vac)	0.95	5.91*1.57*1.18
PES35-1W24V	35	120-277	24	N/A	2KV	83%(120Vac)	0.95	5.91*1.57*1.18
PES60-1W12V	60	120-277	12	N/A	2KV	84%(120Vac)	0.95	6.52*1.65*1.34
PES60-1W24V	60	120-277	24	N/A	2KV	84%(120Vac)	0.95	6.52*1.65*1.34
PES60-1W48V	60	120-277	48	N/A	2KV	86%(120Vac)	0.95	6.52*1.65*1.34
PES100-1W24V	100	120-277	24	N/A	2KV	88%(120Vac)	0.95	7.48*2.05*1.50
PES100-1W48V	100	120-277	48	N/A	2KV	89%(120Vac)	0.95	7.48*2.05*1.50
PES150-1W12V	150	120-277	12	N/A	2KV	90%(120Vac)	0.95	7.48*2.44*1.50
PES150-1W24V	150	120-277	24	N/A	2KV	93%(120Vac)	0.95	7.48*2.44*1.50
PES150-1W48V	150	120-277	48	N/A	2KV	93%(120Vac)	0.95	7.48*2.44*1.50

PEE Series

PEE Series are designed as insulated PC enclosures, offering waterproof and multiple constant voltage output options of 12V, 24V, and 48V.
Ideal for outdoor channel letters and light boxes applications.

Portfolio	Input Voltage (VAC)	Output Power (W)	12V	24V	48V	DALI	0-10V	TRIAC&ELV	Life Time (h)
PEExx	120-277	20-150	Yes	Yes	Yes				50,000@tc-life

PEE Series: non-Dimming

PEExx
xx: Max. output power

Features
· Multi output voltage 12/24/48V
· High efficiency
· Short-circuit, overload and over-voltage protection
· IP Rating: IP65
· 5 years warranty

Benefits
· Wide application
· Best value for money
· Peace of mind with proven reliability

Application
· Architectural Lighting
· Sign lighting



Certificate

c UL us
E490914

Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Dimming	Surge L-N	Efficiency	PF	Size L*W*H inch
PEE20-1W12V	20	120-277	12	N/A	2KV	84%(120Vac)	≥0.5	4.64*1.38*1.02
PEE20-1W24V	20	120-277	24	N/A	2KV	86%(120Vac)	≥0.5	4.64*1.38*1.02
PEE35-1W12V	35	120-277	12	N/A	2KV	86%(120Vac)	≥0.5	5.91*1.57*1.18
PEE35-1W24V	35	120-277	24	N/A	2KV	87%(120Vac)	≥0.5	5.91*1.57*1.18
PEE60-1W12V	60	120-277	12	N/A	2KV	86%(120Vac)	≥0.5	6.52*1.65*1.34
PEE60-1W24V	60	120-277	24	N/A	2KV	88%(120Vac)	≥0.5	6.52*1.65*1.34
PEE60-1W48V	60	120-277	48	N/A	2KV	89%(120Vac)	≥0.5	6.52*1.65*1.34
PEE100-1W12V	100	120-277	12	N/A	2KV	88%(120Vac)	≥0.5	7.48*2.05*1.50
PEE100-1W24V	100	120-277	24	N/A	2KV	88%(120Vac)	≥0.5	7.48*2.05*1.50
PEE100-1W48V	100	120-277	48	N/A	2KV	89%(120Vac)	≥0.5	7.48*2.05*1.50
PEE150-1W12V	150	120-277	12	N/A	2KV	87%(120Vac)	≥0.5	7.48*2.44*1.50
PEE150-1W24V	150	120-277	24	N/A	2KV	88%(120Vac)	≥0.5	7.48*2.44*1.50
PEE150-1W36V	150	120-277	36	N/A	2KV	89%(120Vac)	≥0.5	7.48*2.44*1.50
PEE150-1W48V	150	120-277	48	N/A	2KV	89%(120Vac)	≥0.5	7.48*2.44*1.50

Refrigerator
Lighting Driver

MUP non-dimming

Output : 12/24V
Power : 60/96W
Dimming: Non-Dimming
Feature : Surge 6KV/6kV

MUP non-dimming

MUP non-dimming driver is applied to commercial refrigerator or freezer lighting, its working temperature range and protection are reliable to work in low-temperature environment.

Features

- Waterproof Connector Supported
- Short-circuit protection, overload protection, over-voltage protection
- Surge 6KV/6KV
- Working temperature: -40°F~131°F
- Storage temp and humidity: -40°F~185°F; 20-90%RH
- 5 years warranty

Benefits

- Reliable and robust protection
- Peace of mind with proven reliability

Application

- Refrigerator
- Freezer

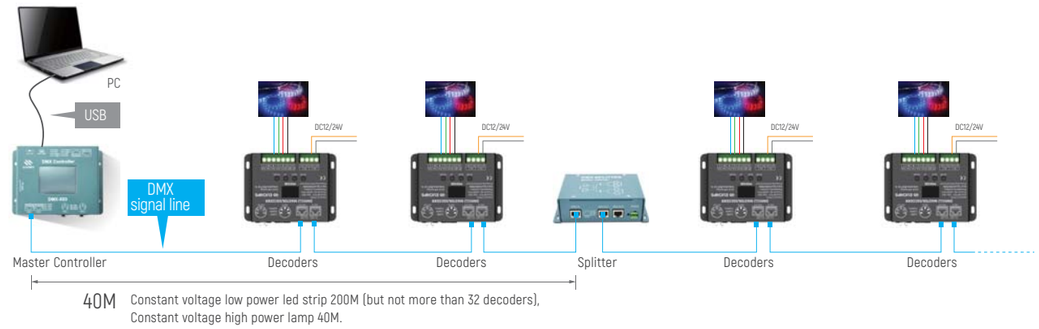


Key Specs

Model	Max. Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Dimming	Efficiency	PF	Size L*W*H inch
MUP60-1W12V-T	60	120-277	12	N/A	88%(120Vac)	0.95	6.06*1.30*1.09
MUP60-1W24V-T	60	120-277	24	N/A	88%(120Vac)	0.95	6.06*1.30*1.09
MUP96-1W24V-T	96	120-277	24	N/A	88%(120Vac)	0.95	9.57*1.77*1.19

DMX System

DMX solution



DMX Constant Voltage Decoders



Multiple Protection,
More Security

Over Current
Short Circuit
Over Temperature

Diversified Output Port

Connector
RJ45
XLR-5

OLED Screen

OLED screen and four buttons, make the operation more intuitive and more convenient

Can be used as a master

Master mode and sub-control mode can be switched Can be used to dim single color/CCT/RGB/RGBW/ RGBWY

DMX Master Controllers

Description

DMX-X03 is a full-color LED DMX control system which focuses on indoor and outdoor decorative lighting, which can be used stand alone or with computer. It comprises scene-edit software. You can edit various lighting effects by downloading the programme which edit according to your special requirement from your PC.This control system can fulfill 256 grey levels for each R,G,B color, totally 16.77 million real full-color. The software has been developed specially for architectural lighting and features easy to use effects which can be dropped onto timelines, along with multi-zone and synchronization allowing you to program a project with multiple rooms and areas with ease

Features

· Meets DMX512/1990
· 1024 DMX Channels.Control 340 RGB Fixtures
· Real time clock and calendar for time triggers
· USB & Ethernet connectivity for programming and control
· Various Output Interface, XLR-3 / RJ45
· Micro SD card for stand alone use
· 4 external dry contacts can trigger 15 scenes
· Network communication
· Master/Slave mode to interconnect 64 interfaces (Stand Alone)
· Touch screen operation



Model No.	Input Voltage	Protocol VDC	DMX Channels	Operation Mode	Connection	Software	G.W. g	Size(L"W"H) (inch)(mm)
DMX-X03	5	DMX512 (1990)	1024	PC Online +Stand Alone	XLR3, RJ45	Euchips X-DMX	378	5.11"*3.66"*1.53"

RDM Stand Alone Controller

Description

Complies with RDM international standard protocol and be matched with software to scan RDM devices. Deploy initial address and read the parameters of devices. The software can edit the lighting changing effects, set the scenes and other advanced functions.

Features

· Meets RDM(2009) protocol , compatible with DMX 512 (1990)
· LCD screen displays the current state
· Buttons support long-press, short-press and anti-share operations
· 256 levels of grey, totally 16.77 million colors, really full color
· Built-in 30 kinds of fixed modes, leave 5 kinds of custom modes for users to edit
· Automatic parameter memory
· Reserve a 3-wire input terminal, can communicate with the glass panel to do customize control.
· Modify the address online, standard DMX bi-directional communication.
· Built-in30 kinds of fixed modes,leave 5 kinds of customized modes for usersto edit.



Item No.	Input Voltage VDC	Protocol	DMX Channels	Operation Mode	Connection	Software	G.W. g	Size(L"W"H) (inch)(mm)
RDM100	5	RDM(2009) DMX512(1900)	512	PC Online +Stand Alone	USB	RDM Master	710	6.06"*4.13"*1.92"

DMX Constant Voltage Decoders

Description

PWM constant voltage output, working with DMX control system and mainly used to control kinds of single color or RGB LED strips and constant voltage light sources. Green terminals, RJ45 and XLR interface are optional. Need 12-24VDC external power supply.

Features

· Meets DMX512/1990
· 256-level brightness, full-color control
· Works with control system, can express perfect effect
· Can drive 1~4 channel of each lamp
· Can set the DMX address freely
· With anti-interference performance, over-heat and over-current protection, self-recovery function

Advantages

· PWM digital dimming, not changing the color rendering index.
· No minimum loading required.

Certificate

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Model No.	Product pictures	Input Voltage (VDC)	Output Current Channel	Output Power (W)	Address Setting	DMX Interface	G.W. g	Size(L"W"H) (inch)(mm)
PX0405A	1	12-48	4A*4	192-768	DIP Switch	Connector/RJ45	240	5.51"*1.96"*1.02"
PX0406	1	12-24	6A*4	288-576	DIP Switch	Connector/RJ45	240	5.51"*1.96"*1.02"
PX0408	1	12-24	8A*4	384-768	DIP Switch	Connector/RJ45	240	5.51"*1.96"*1.02"
PX0408A	1	12-48	3A*4	144-576	DIP Switch	Connector/RJ45	240	5.51"*1.96"*1.02"
PX0508-OLED	2	12-24	8A*5	480-960	DIP Switch	RJ45/XLR-5	365	4.92"*3.66"*1.41"
PX1205-OLED	3	12-24	5A*12	720-1440	Button	Connector/RJ45/XLR-5	432	6.45"*3.66"*1.41"
PX2405-OLED	4	12-24	5A*24	1440-2880	Button	Connector/RJ45/XLR-5	819	11.41"*3.66"*1.41"
PX3204-OLED	5	12-24	4A*32	1536-3072	Button	Connector/RJ45/XLR-5	846	11.89"*3.66"*1.41"
DMX-X04	6	110-240VAC	2A*4	220-480×4	Button	Connector/RJ45/XLR-5	TBD	7.91"*4.76"*1.54"
PX0508-OLED-M	7	12-24	8A*5	480-960	Button	Connector/RJ45	323	6.3"*2.44"*1.22"

DMX Constant Current Decoders

Description

PWM constant current output, working with DMX control system and mainly used for kinds of LED down lamps, tracklamps, ceiling lamps and constant current light sources. 12-48VDC input. Setting output currents and other parameters by Nixie tubes and DIP switches.

Features

· Multiple output currents are optional
· Can set DMX address freely
· Modular, can be combined with LED lamps flexible
· Over-heat protection, output short circuit protection
· Constant Current Decoders

Advantages

· PWM digital dimming, not changing the color rendering index.
· Loading range 10 -100%.

Certificate

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Model No.	Product pictures	Input Voltage VDC	Output Current Channel	Output Voltage Range	Address Setting	DMX Interface	G.W. g	Size(L"W"H) (inch)(mm)
PX707	1	12-48	200~1600mA*4	1-42	Button	Connector	350	5.31"*2.71"*1.41"
PX709	2	12-50	100-900mA*4	1-42	Button	Connector	230	4.56"*2.12"*1.37"
PX805	3	12-50	150-900mA*5	1-42	Button	Connector	235	4.56"*2.12"*1.37"

DMX Driver

MUP96M

M: DMX Dimming

Features

· DMX 512 support CCT, RGB, RGBW dimming
· 4-channel output
· Dimming range 0.1-100%, smooth and no flicker
· NFC programming
· Short-circuit protection, overload protection, over-voltage protection
· Surge 6KV/6KV
· 50,000 hours lift time

Benefits

· Reliable and robust protection
· NFC Programable configuration enables flexibility
· D4i wireless connection reduced the wiring complexity and cost
· Peace of mind with proven reliability

Application

· Architectural Lighting
· Sign lighting



Model	Max Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Channel	Dimming	Efficiency	PF	Size L"W"H inch
MUP96M-4W24VN-BW	96	120-277	24	4	DMX	88%(120Vac)	0.95	9.61*4.17*1.63

Signal Splitter

Description

DMX splitter is mainly used for amplifying the DMX512 digital lighting control signal , also it can make the sighal isolation to guarantee the reliability of the whole control system. When the distance between DMX master and first decoder /driver is more than 40m, quantity of DMX decoders/drivers is over 32 pieces, distance between decoders/drivers more than 40m, DMX splitter is needed.

Feature

· Integrate signal isolation and relay functions
· Input and output signal are electrically isolated from each other, which can easily avoid the damage of electrical equipment
· Interface： RS-485

Advantages

· Accurate dimming color
· Electrical isolation
· Stable signal transmission


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Model No.	Product pictures	Input Voltage VDC	Transmission	Input Channel	Isolated Output	G.W. g	Size(L"W"H) (inch)(mm)
DMX102	1	12-24	DMX	1	non-isolated	693	5.94"*3.54"*1.57"
DMX103	2	12-24	DMX	1	Isolated	220	4.84"*2.32"*0.92"
DMX104	3	90-240	DMX	1	4 Isolated +1 non-isolated	1450	19.01"*10.03"*1.77"
DMX108	3	90-240	DMX	1	8 Isolated +1 non-isolated	2900	19.01"*10.03"*1.77"

Emergency
LED Driver

EMP Emergency LED Driver

EMP Emergency LED Driver Series are designed for various lighting fixtures such as downlight, troffer light, tri-proof light, industrial light, wall-pack light and flood light in North America market, they are Class I and compliant with North American emergency lighting regulations.
EMP series are built-in MCU for precise control and integrated overtemperature, short circuit, over charge and over discharge protection which deliver the safe and reliable emergency power solution for lighting fixtures.

Features

- Input voltage: 100-347V
- Output power: 8/18/25/40W
- Output voltage: 170V
- Dimming: 0-10V
- Surge: L-N 3KV
- 5-year warranty

5 YEAR WARRANTY

Self Test

CP CONSTANT POWER EMERGENCY OUTPUT

Certified in CA TITLE 20 Appliance Efficiency Database - Battery Charger







Key Specs

Model	Emergency Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Discharge Time (minute)	Charge Power (W)	Charge Time (Hour)	Dimming	Operating Temperature	Size L*W*H inch	Net Weight (kg)
EMP8A-1B170V-RW-HF	8	100-347	170	90	10	24	0-10V	5~50°C	13.59*1.54*0.99	0.8
EMP18A-1B170V-RW-HF	18	100-347	170	90	10	24	0-10V	5~50°C	13.59*1.54*0.99	0.8
EMP25A-1B170V-RW-AS	25	100-347	170	90	12	24	0-10V	5~50°C	11.74*2.33*1.54	1.2
EMP40A-1B170V-RW-AS	40	100-347	170	90	12	24	0-10V	5~50°C	11.74*2.33*1.54	1.2
EMP25AR-1B170V-RW-UH	25	100-347	170	90	12	24	0-10V	5~50°C	Ø5.47*6.80	1.8
EMP40AR-1B170V-RW-UH	40	100-347	170	90	12	24	0-10V	5~50°C	Ø5.47*6.80	1.8

EMP Emergency LED Driver

A: 0-10V
1B : 1 single channel; B 100~347Vac
170V: Output voltage 170Vdc，compatible with input voltage 100/120Vac~240/277/347Vac

Specifications

· Input Voltage: 100~347Vac, 50/60Hz
· Input Current: max. 200mA
· Battery: Li-ion
· Ambient Temp: 32~122°F(0~50°C)
· Surge Protection: Line-Neutral 3KV

Features

· Designed for back-lit panel light and UL Listed for US and Canada
· UL924 and CSA C22.2 NO.141 certified for field installation
· Complies with low energy consumption CEC Title 20
· Complies with NFPA101 and NFPA70
· Constant output power, high output voltage，
· Self-testing function
· Battery: Over temperature /Over charge/ Over discharge Protection
· Flexible cable test switch and panel test switch optional
· Warranty: 5 Years



Certificate

Model	Emergency Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Discharge Time (minute)	Charge Power (W)	Charge Time (Hour)	Dimming	Operating Temperature	Size L*W*H inch	Net Weight (kg)
EMP8A-1B170V-RW-HF	8	100-347	170	90	10	24	0-10V	5~50°C	13.59*1.54*0.99	0.8
EMP18A-1B170V-RW-HF	18	100-347	170	90	10	24	0-10V	5~50°C	13.59*1.54*0.99	0.8

EMP Emergency LED Driver

A: 0-10V
1B : 1 single channel; B 100~347Vac
170V: Output voltage 170Vdc，compatible with input voltage 100/120Vac~240/277/347Vac

Specifications

· Input Voltage: 100~347Vac,50/60Hz
· Input Current: max. 200mA
· Output Voltage: 170Vdc
· Battery: Li-ion
· Ambient Temp :32~122°F(0~50°C)
· Surge Protection : Line-Neutral 3KV

Features

· Designed for linear high bay lighting and UL Listed for US and Canada
· UL924 and CSA C22.2 NO.141 certified for field installation
· Complies with low energy consumption CEC Title 20
· Complies with NFPA101 and NFPA70
· Constant output power, high output voltage，
· Self-testing function
· Battery: Over temperature /Over charge/ Over discharge Protection
· Panel test switch and flexible cable test switch optional
· Warranty:5 Years



Certificate

Model	Emergency Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Discharge Time (minute)	Charge Power (W)	Charge Time (Hour)	Dimming	Operating Temperature	Size L*W*H inch	Net Weight (kg)
EMP25A-1B170V-RW-AS	25	100-347	170	90	12	24	0-10V	5~50°C	11.74*2.33*1.54	1.2
EMP40A-1B170V-RW-AS	40	100-347	170	90	12	24	0-10V	5~50°C	11.74*2.33*1.54	1.2

Emergency LED Driver

EMP Emergency LED Driver

A: 0-10V R: Remote Control
1B : 1 single channel; B 100~347Vac
170V: Output voltage 170Vdc，compatible with input voltage 100/120Vac~240/277/347Vac

Specifications

· Input Voltage:100~347Vac,50/60Hz
· Input Current: max. 200mA
· Vaux:12Vdc 0.2A
· Battery:Li-ion
· Ambient Temp:32~122°F(0~50°C)
· Surge Protection: Line-Neutral 3KV

Features

· Designed for UFO high bay lighting and UL Listed for US and Canada
· UL924 and CSA C22.2 NO.141 certified for field installation
· Complies with low energy consumption CEC Title 20
· Complies with NFPA101 and NFPA70
· Constant output power, high output voltage，
· Self-testing function
· Battery: Over temperature /Over charge/ Over discharge Protection
· Built-in Integrated junction box For wiring to the led driver's input in
· Remote test: Distance for 98ft (This function is optional)



Certificate

Model	Emergency Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Discharge Time (minute)	Charge Power (W)	Charge Time (Hour)	Dimming	Operating Temperature	Size L*W*H inch	Net Weight (kg)
EMP25AR-1B170V-RW-UH	25	100-347	170	90	12	24	0-10V	5~50°C	Ø5.47*6.80	1.8
EMP40AR-1B170V-RW-UH	40	100-347	170	90	12	24	0-10V	5~50°C	Ø5.47*6.80	1.8

Sensor

Sensor

ERS series sensors feature stand-alone and radar sensing with models supporting both AC and DC inputs, offering multiple output control solutions such as on/off, 0-10V and DALI. They are appliable for residential, office, factory, warehouse and other commercial areas.

Sensor Naming Example

ERS-58-12-A6B						
E	RS	58	12	A	6	B
Product Type	Sensor Mode	Frequency	Input Voltage	Output Mode	Installation Height	Connection
E: Stand alone	RS: Radar Sensor	58: 5.8GHz	W:120~277VAC	A:0-10V	3: 3m	E: Embedded
B: Module w/o housing	IR: Infrared	24: 24GHz	M:100~240VAC	P:PWM	5: 5m	C: Ceiling mounted
		10: 10GHz	H: 220~240VAC	R: Relay dry contact	6: 6m	B: Buttom wiring
		60: 60GHz	L:120VAC	D: DALI 2	12: 12m	Z: Zhaga Book 18
			B:120-347VAC	S: RS48		S: Side wiring
			12:12VDC or 7-12V	AB: Blue tooth MESH and 0-10V		
			24: 12~24V or 24V	XX: mixed mode		
			90: Max. 90VDC			

ERS AC-input Radar Sensor 5.8G Hz

Features

· Integrated 5.8GHz Doppler radar technology
· Input voltage: AC 90–264V, 50/60Hz
· High power output: ON/OFF mode with relay capacity up to 400W
· Configure detection area, delay time, daylight and hold time by DIP switch
· Standby power consumption no more than 0.5W
· Operating temperature : -20°C to +60/70°C
· 5-year warranty


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Model	Product	Frequency (Hz)	Input Voltage (VAC)	Output Mode	Setting	Installation Height	Detection Range	Size
ERS-58-M-R3E	1	5.8G	90-264	ON/OFF	6 dip switch	3m	Ø 4-6m	Ø 55mm
ERS-58-M-R6E	2	5.8G	90-264	ON/OFF	4 dip switch	6m	Ø 4-7.5m	64*35*21mm

ERS AC- input Radar Sensor 24G Hz

· Operating frequency 24GHz, dual -millimeter wave radar sensing with wide coverage
· Input voltage: AC 90–264V, 50/60Hz
· DALI control (model: ERS-24-M-R3E)
· Human Body Movement and Presence Detection (model: ERS-24-M-R3E)
· Covering a 4*40m corridor (model: ERS-24-M-R3E)
· Remote control configure detection area, delay time, daylight and hold time
· Operating temperature : -20°C to +60/85°C
· 5-year warranty



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Model	Product	Frequency (Hz)	Input Voltage (VAC)	Output Mode	Setting	Installation Height	Detection Range	Size
ERS-24-M-R3E	1	24G	90-264	ON/OFF	Remote control	3m	Length:18-24m Width: 2-4m	Ø 65mm Magnetic 86 Junction box
ERS-24-M-D3E	2	24G	90-264	DALI-2	DALI	3m	Ø 6m for move detection Ø 5m for presence detection	Ø 55mm

ERS DC-input Radar Sensor 5.8G Hz

Features

· Integrated 5.8GHz Doppler radar technology
· Input voltage: 12V DC
· Configure detection area, delay time, daylight, hold time, standby tine and dim by Remote control or DIP switch
· Operating temperature : -20°C to +85°C
· 5-year warranty



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Model	Product	Frequency (Hz)	Input Voltage	Output Mode	Setting	IP Rate	Installation Height	Detection Range	Size
ERS-58-12-A12Z	1	5.8G	12V 38-42mA	0-10V/PWM	Remote control	IP65	12m	Ø 8-12m	Ø 50.5 mm ZHAGA BOOK 18
ERS-58-12-A12B	2	5.8G	12V 38-42mA	0-10V/PWM	Remote control	IP65	12m	Ø 8-12m	Ø 50.5 mm
ERS-58-12-P6B	3	5.8G	12V 38-42mA	5V IO/PWM	Remote control	IP65	6m	Ø 6-8m	Ø 50.5 mm
ERS-58-24-R3E	4	5.8G	12.-24V 75mA@12V 40mA@24V	Dry Contact	Remote control	IP65	3m	Ø 4.5m	Ø 55 mm
ERS-58-12-A3E	5	5.8G	12V 24mA	0-10V	Dip switch & Remote control	IP65	3m	Ø 4-8m	60*16*15mm
ERS-58-12-A6E	6	5.8G	12V 23mA	0-10V	Dip switch	IP65	3-6m	Ø 3-7m	90*16*12mm

ERS DC-input Radar Sensor 24G Hz

Features

· Operating frequency 24GHz, dual -millimeter wave radar sensing with wide coverage
· Input voltage: 20V DC-90VDC, compatible with constant current power supply with output current 0.2A -1A
· Adjust continuous brightness from 20% to 100% with DC constant current output
· Wireless control by APP thru Blue Tooth
· Operating temperature : -20°C to +85°C
· 5-year warranty



Model	Frequency (Hz)	Input Voltage (VAC)	Output Mode	Setting	Installation Height	Detection Range	Size
ERS-24-90-P3E	24G	90-264	0.2-1.0A 20%-100%	APP	3m	Ø 5m	46×26×21mm

Accessories

DALI Master

DALI-200 is DALI programming tool to set up DALI system via PC and DALI software.

Configuration

- Meet DALI Protocol IEC62386
- Automatically check devices accessible to master
- Automatically allocate short addresses according to DALI Protocol
- Support re-addressing of all devices
- Support operations of broadcast, single or group addresses controlling on devices
- Able to set or read all the parameters in the parameter chart of DALI Protocol
- Able to set or read by groups and scenes
- Reserve debug command of DALI Protocol

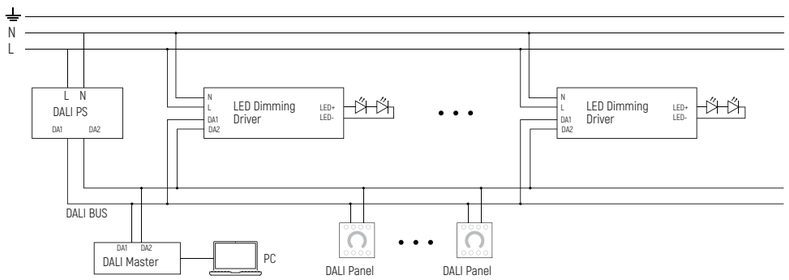
Interface

- DALI 1/DALI 2 connect to DALI system
- USB 2.0 or above: connect to the PC



DALI-200





EU-PROG

EU-PROG is the programming tool work with software to conveniently configure EUCHIPS programable driver series.

Configuration

· Data log reading
· Output current regulation
· Dimming depth editing
· Dimming curve editing
· Configuration parameter copying/replication
· Parameter configuration file export/import

Interface

· Earphone jack: connect to the driver
· USB 2.0 or above: connect to the PC

Supported Driver Models

· PUP10AT-1WPC
· PUP15AT-1WPC
· PUP20AT-1WPC
· PUP30AT-1WPC
· PUP40AT-1WPC

· EULP10AT-1WPC-WS-120
· EULP10AT-1WPC-WS-300
· EULP15AT-1WPC-WS/WB
· EULP30AT-1WPC-WS/WB
· EULP50AT-1WPC-WS/WB

· ARC-DI-96X2-I1920-MUV-D1S-LS
· ARC-DI-96X2-I1920-NUV-D1S-LS

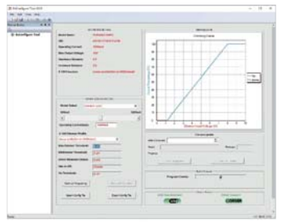
· SUP30A-1WPC-WS
· SUP30A-1WPC-WB
· SUP50A-1WPC-WS
· SUP50A-1WPC-WB

· SUP30AD-1WPC-WS
· SUP30AD-1WPC-WB
· SUP50AD-1WPC-WS
· SUP50AD-1WPC-WB

* Supported driver models will continue to be updated
* Customized models are not listed



EU-PROG



Windows 7 and above systems



EU-COMM

EU-COMM is the programming tool work with software to conveniently configure EUCHIPS programable driver series.

Configuration

· Data log reading
· Output current regulation
· Dimming depth editing
· Dimming curve editing
· Configuration parameter copying/replication
· Parameter configuration file export/import

Interface

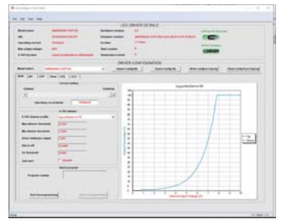
· 12V/DIM+/DIM-: connect to the driver
· USB 2.0 or above: connect to the PC

Supported Driver Models

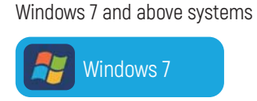
· EULPxxAS Series



EU-COMM



Windows 7 and above systems



DALI BUS Power Supply

DALI-130-U provides power for the communication of DALI control devices and the other devices which are powered by DALI BUS such as sensors, DALI panels and group/scene controllers.

Features

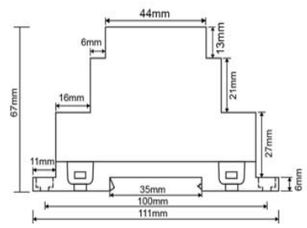
nput voltage: 100-277Vac 50/60Hz
Output: Voltage 16Vdc; Current 250mA; Power 4W
Compliant with DALI protocol IEC62386
Surge: L-N 1KV
Short circuit and over voltage protection
Support rail and screw fixed installation in the distribution box
5-year warranty

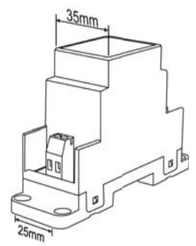
Dimension (L*W*H)

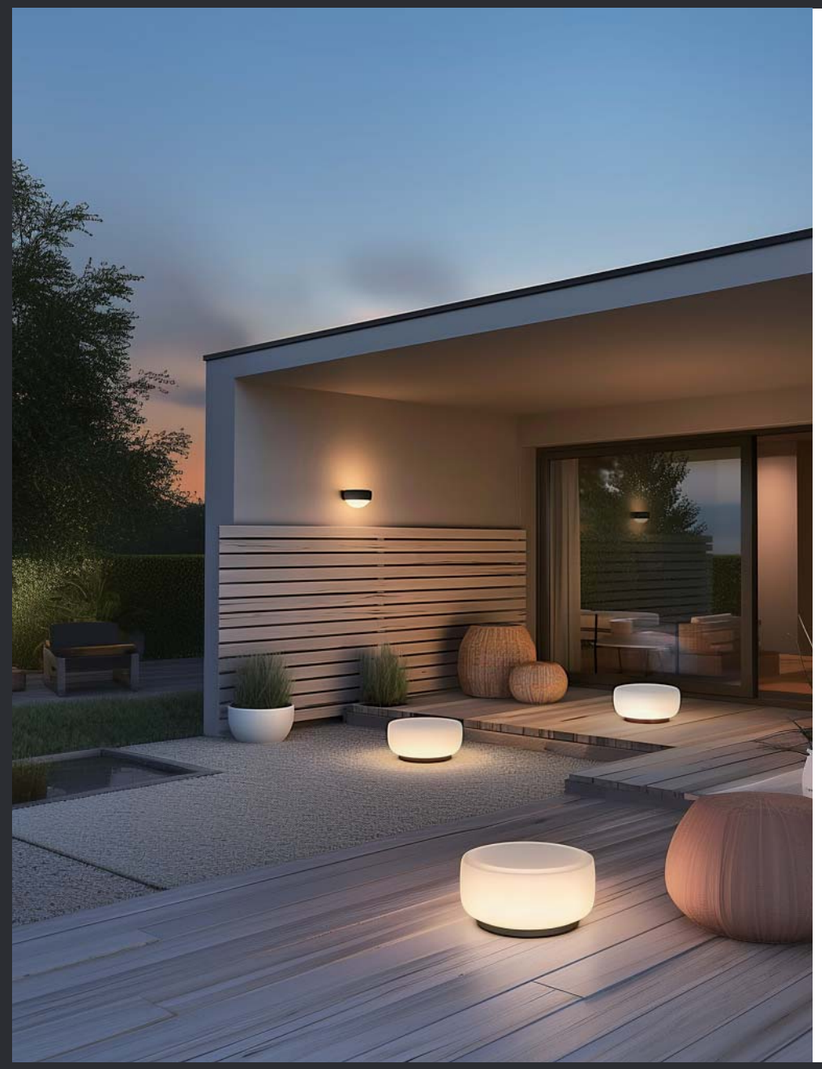
111*35.67*67mm
4.37*1.44*2.63 Inch



DALI-130-U







LED Driver and Control System

- Indoor Commercial Lighting Driver
- Indoor Architectural Lighting Driver
- Industrial Lighting Driver
- Outdoor Driver
- Indoor Constant Voltage Driver
- Outdoor Constant Voltage Driver
- Refrigerator Lighting Driver
- DMX System
- Emergency LED Driver
- Sensor
- Accessories

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